



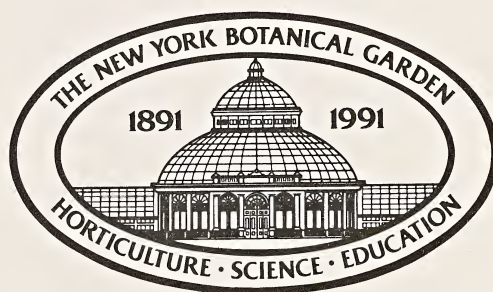


DAILY  
JOURNAL

FOR

1874

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*Botanical*

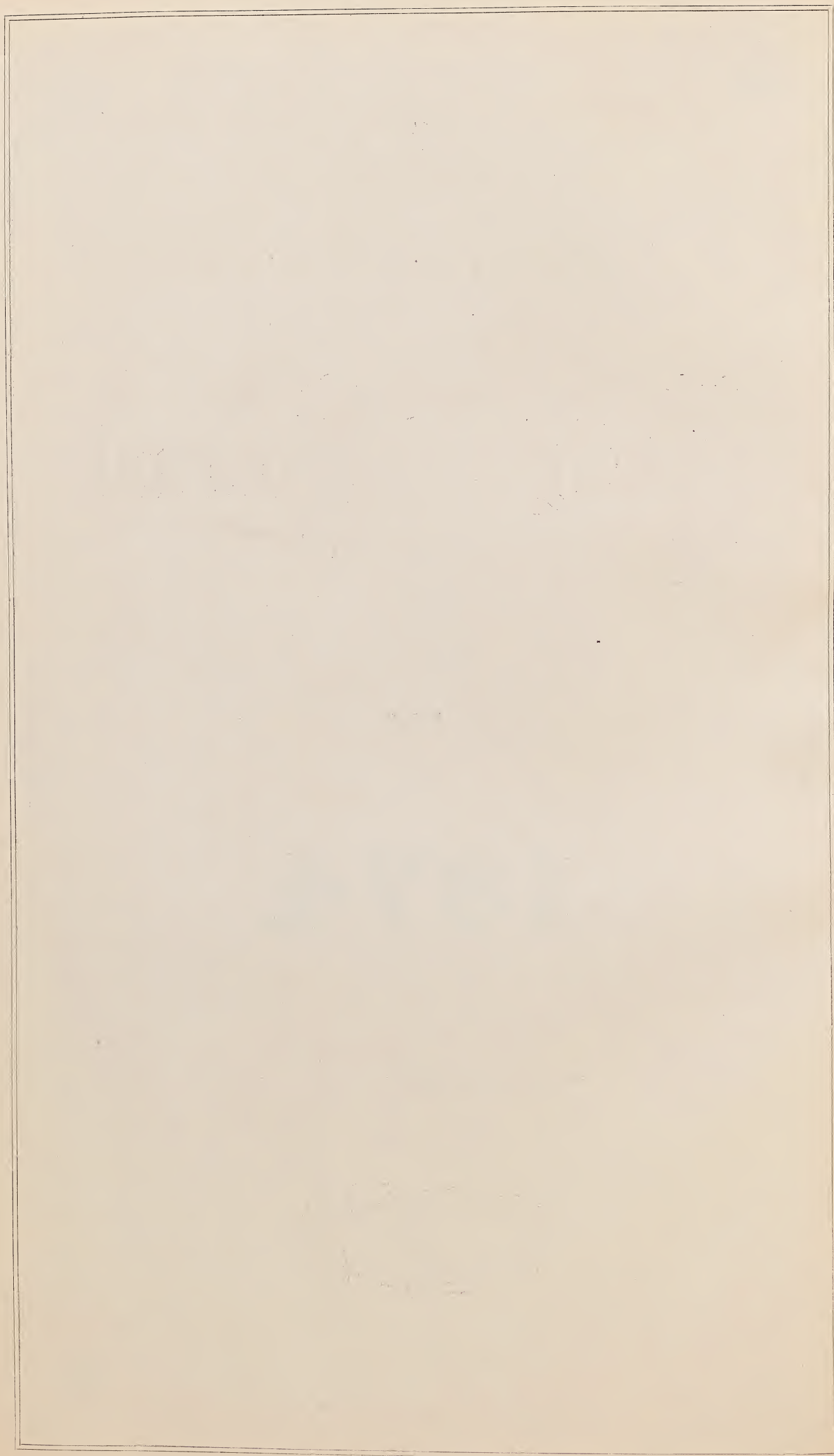
**Daily Journal**

FOR

**1874.**

PUBLISHED Annually  
FOR  
THE GRADE







# Counting-House Almanac.

## 1874.

	Sund.	Mond.	Tues.	Wedn.	Thurs.	Frid.	Satur.
JANUARY.....					1	2	3
	4	5	6	7	8	9	10
	11	12	13	14	15	16	17
	18	19	20	21	22	23	24
	25	26	27	28	29	30	31
FEBRUARY	1	2	3	4	5	6	7
	8	9	10	11	12	13	14
	15	16	17	18	19	20	21
	22	23	24	25	26	27	28
MARCH....	1	2	3	4	5	6	7
	8	9	10	11	12	13	14
	15	16	17	18	19	20	21
	22	23	24	25	26	27	28
	29	30	31				
APRIL.....				1	2	3	4
	5	6	7	8	9	10	11
	12	13	14	15	16	17	18
	19	20	21	22	23	24	25
	26	27	28	29	30		
MAY.....						1	2
	3	4	5	6	7	8	9
	10	11	12	13	14	15	16
	17	18	19	20	21	22	23
	24	25	26	27	28	29	30
	31						
JUNE....		1	2	3	4	5	6
	7	8	9	10	11	12	13
	14	15	16	17	18	19	20
	21	22	23	24	25	26	27
	28	29	30				

	Sund.	Mond.	Tues.	Wedn.	Thurs.	Frid.	Satur.
JULY.....				1	2	3	4
	5	6	7	8	9	10	11
	12	13	14	15	16	17	18
	19	20	21	22	23	24	25
	26	27	28	29	30	31	
AUGUST .....							1
	2	3	4	5	6	7	8
	9	10	11	12	13	14	15
	16	17	18	19	20	21	22
	23	24	25	26	27	28	29
	30	31					
SEPT'R.....			1	2	3	4	5
	6	7	8	9	10	11	12
	13	14	15	16	17	18	19
	20	21	22	23	24	25	26
	27	28	29	30			
OCTOBER.....					1	2	3
	4	5	6	7	8	9	10
	11	12	13	14	15	16	17
	18	19	20	21	22	23	24
	25	26	27	28	29	30	31
NOVEMBER	1	2	3	4	5	6	7
	8	9	10	11	12	13	14
	15	16	17	18	19	20	21
	22	23	24	25	26	27	28
	29	30					
DEC'R.....			1	2	3	4	5
	6	7	8	9	10	11	12
	13	14	15	16	17	18	19
	20	21	22	23	24	25	26
	27	28	29	30	31		

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INTEREST TABLE.  
SEVEN PER CENT.

TIME.												
	\$1	\$2	\$3	\$4	\$5	\$6	\$7	\$3	\$9	\$10	\$100	\$1000
1 DAY.	—	—	—	—	—	—	—	—	—	—	2	19
“	0	0	0	0	0	0	0	0	0	0	4	39
2 “	0	0	0	0	0	0	0	0	0	1	6	58
3 “	0	0	0	0	0	0	0	1	1	1	8	78
4 “	0	0	0	0	0	0	1	1	1	1	10	97
5 “	0	0	0	0	0	1	1	1	1	1	12	117
6 “	0	0	0	0	1	1	1	1	1	1	14	136
7 “	0	0	0	1	1	1	1	1	1	1	16	156
8 “	0	0	0	1	1	1	1	1	1	2	18	175
9 “	0	0	1	1	1	1	1	1	2	2	19	194
10 “	0	0	1	1	1	1	1	2	2	2	21	214
11 “	0	0	1	1	1	1	1	2	2	2	23	233
12 “	0	0	1	1	1	1	1	2	2	2	25	253
13 “	0	1	1	1	1	1	2	2	2	3	27	272
14 “	0	1	1	1	1	1	2	2	3	3	29	292
15 “	0	1	1	1	1	1	2	2	3	3	31	311
16 “	0	1	1	1	1	2	2	2	3	3	33	331
17 “	0	1	1	1	1	2	2	2	3	3	35	350
18 “	0	1	1	1	1	2	2	2	3	3	37	369
19 “	0	1	1	1	1	2	2	3	3	4	39	389
20 “	0	1	1	1	2	2	2	3	3	4	41	408
21 “	0	1	1	1	2	2	2	3	3	4	43	428
22 “	0	1	1	1	2	2	3	3	3	4	45	447
23 “	0	1	1	1	2	2	3	3	4	4	47	467
24 “	0	1	1	1	2	2	3	4	4	5	49	486
25 “	0	1	1	1	2	2	3	4	4	5	51	506
26 “	0	1	1	2	2	3	3	4	4	5	53	525
27 “	1	1	2	2	3	3	4	4	5	5	55	544
28 “	1	1	2	2	3	3	4	4	5	6	56	564
29 “	1	1	2	2	3	3	4	4	5	6	58	583
MON.	1	1	2	2	3	4	4	5	5	6	58	583
“	1	2	4	5	6	7	8	9	11	12	11	67
“	2	4	5	7	9	11	12	14	16	18	17	50
“	2	4	5	7	9	12	14	16	19	23	23	33
“	2	5	7	9	12	15	18	20	23	26	29	17
“	3	6	9	12	15	18	21	25	28	32	35	30
“	3	6	9	12	16	20	25	28	32	35	35	30
“	4	7	11	14	18	21	25	28	32	35	35	30
“	4	8	12	16	20	25	28	32	35	38	40	83
“	5	9	14	19	23	28	33	37	42	47	46	67
“	5	11	16	21	26	32	37	42	47	53	52	50
“	6	12	18	23	29	35	41	47	53	58	58	33
“	6	13	19	26	32	39	45	51	58	64	64	17
“	7	14	21	28	35	42	49	56	63	70	70	00
YEAR.	7	14	21	28	35	42	49	56	63	70	7	00

ECLIPSES IN THE YEAR 1874.

In the year 1874, there will be four Eclipses; two of the Sun, and two of the Moon, and a Transit of Venus over the Sun's disc.

APRIL 16th,

I. A Total Eclipse of the Sun, April 16th; Visible to the southern portions of South America and Africa.

MAY 1st,

II. A Partial Eclipse of the Moon, May 1st; visible to parts of Asia, Africa, Australia and Sandwich Islands.  
Magnitude of Eclipse = 0.833 (Moon's diameter = 1.)

OCTOBER 10th,

III. An Annular Eclipse of the Sun, October 10th; visible to Europe and parts of Asia and Africa.

OCTOBER 24th,—25th,

IV. A Total Eclipse of the Moon, night of October 24th—25th; visible to North and South America and Sandwich Islands.

The Eclipse will occur in Boston time, as follows:

	d	h	m		d	h	m	
Moon enters Penumbra,	25	0	9	A.M.	25	2	49	A.M.
Moon enters Shadow,	25	0	58	"	25	4	7	"
Total Phase Begins,	25	2	16	"	25	5	5	"
Middle of Eclipse,	25	2	33	"				
Magnitude of Eclipse = 1.053 (Moon's diameter = 1.)								

NOTE.—To find time of occurrence at any other place, correct by difference of time between the place and Boston.

V. A transit of Venus over the Sun's disc, December 8th; visible entire to Eastern Asia and Australia and in part to Africa and Sandwich Islands.

A transit of Venus furnishes the most accurate method for determining the distance of the Earth from the Sun. The last occurrence of this phenomenon happened in 1769, when exhibitions of the most extensive scale were fitted out by the larger civilized governments of the world, for the purpose of observing it. The highest interest attaches to this present occurrence, as from some independent reasons, it is suspected that the Sun's accepted distance is too large by about two millions of miles.

MORNING AND EVENING STARS.

MERCURY will be Evening Star about March 2, June 28, and Oct. 24, and Morning Star about April 15, Aug. 13, and Dec. 2.  
VENUS will be Morning Star until Feb. 23d, then Evening Star until Dec. 8th, and Morning Star again the rest of the year.  
JUPITER will be Morning Star until March 17, then Evening Star until Oct. 5th, and Morning Star the rest of the year.

FESTIVALS AND FASTS FOR 1874.

Septuagesima Sunday.....	Feb. 1.	Low Sunday.....	Apr. 12.
Shrove Sunday.....	Feb. 15.	Regation Sunday.....	May 10.
Ash Wednesday.....	Feb. 18.	Ascension Day.....	May 14.
First Sunday in Lent.....	Feb. 22.	Whit Sunday.....	May 24.
Palm Sunday.....	Mar. 29.	Trinity Sunday.....	May 31.
Good Friday.....	Apr. 3.	Advent Sunday.....	Nov. 29.
Easter Sunday.....	Apr. 5.	Christmas Day.....	Dec. 25.

CHRONOLOGICAL CYCLES FOR 1874.

Dominical Letter.....	D. Solar Cycle.....	7.
Epiact.....	12. Roman Indiction.....	2.
Golden Number.....	13. Julian Period.....	6887.

Given in Washington time.

THE SEASONS.

Vernal Equinox.....	March 20th, 1h. 30m. P.M.
Autumnal Equinox.....	Sept. 23d, 0h. 15m. A.M.
Summer Solstice.....	June 21st, 10h. 0m. A.M.
Winter Solstice.....	Dec. 21st, 6h. 14m. P.M.

THE LENGTH OF DAYS.

At San Francisco the longest day has 14 3/4 hours; at Boston, 15 1/4; at Berlin and London, 16 1/2; at Stockholm and Upsal, 16 1/2; at Hamburg, Dantzic, and Settin, 17, and the shortest 7. At St. Petersburg and Tobolsk the longest day has 19 hours and the shortest 5 hours. At Borneo, in Finland, the longest day has 21 1/2 hours, and the shortest 2 1/2 hours. At Wanderbus in Norway, the day lasts from the 21st of May to the 22d of July without interruption; and at Spitzbergen the longest day is 3 1/2 months.



+ = New +

*Bromus tectorum* L. (2)  
*Elychnia Robur* Oakes (1)  
*Muscari racemosum* (1)  
727 *Phanagloph pulchra* Zett.  
721 " *Oxyria* Robur  
*Alnus glutinosa*  
1314 *Solidago eliptica* Ait.  
*Oenothera fruticosa*  
*n. humifusa* Allen  
676 *Salix mollis* mt.  
205 *Rosella luteola*  
118 *Clancium luteum* Scop. (2)

"FRIDAY 2

*Erymum repandum* (1) ✓  
*Repsitum repandum* (1) ✓  
*Cornille varia* (1) ✓  
*Asperugo procumbens* (2) ✓  
*Linaria spuria* (2) ✓  
*Stachys annua* (1) ✓  
*Mercenaria annua* (2) ✓  
*Atriplex vicia* (2) ✓  
*Stellaria crumifolia* ✓  
*Stellaria annua* ✓  
*Stellaria vicia* ✓  
*Ximena annua* ✓  
*Ludwigia nudicaulis* ✓  
*Lemanea involucrata* ✓  
*Solidago virgata* ✓  
*Lycopodium pinnaceum* ✓  
*Eratola vicia* ✓  
*Heliotropium curassav.* ✓  
*Scutellaria maritima* ✓  
*Alumina alata* (fruit) ✓  
*Saxifraga nivalis* ✓  
*Veronica rupestris* ✓  
*Eleocharis nudicaulis* ✓  
*Panicum debile* ✓ 20 s/100  
2 *Gerum Rossii* (1) }  
*Sweetia peruviana* (1) }  
*Polemonium conf. var. nud.* (1) }  
*Penstemon glaucus* (2) }  
*Mertensia alpina* (2) } 30 s/100

1537 *Anacardium Humense* (1) new  
*Blumey Rufus*. Link. 4  
 2466 *Callitriche autumnalis* L. (1)  
 168 *Sisymbrium irio* L. (2)  
 2239 *Halimolobos longifolia* Fisch. (1)  
 3653 *Equisetum telmateia* Kuhn. (2)  
 " *palestine* L. (1)  
 3198? *Campylopus* B. & H. (1) (Carpet)  
 2455 *Cornus florida* Michx. (2)

[illegible]

128/12



MONDAY, JANUARY 5, 1874.

Dr J. W. Congdon East Greenwich R.I.

Sent by Feb 1878

- 2 *Clematis ochroleuca*  
 58 *Monarda virginica*  
 35 *Ranunculus abortivus*  
 77 *Magnolia glauca*  
 187 *Camelina pativa*  
~~245~~  
 244 *Asyrum stans*  
 302 *Arenaria squarrosa*  
 324 *Cerastium oblongifolium*  
 663 *Phacelia peruviana*  
 910 *Oenothera chrysantha*  
 907 " *fruticosa*  
 1116 *Diodes tinos*  
 1133 *Aldoulandia planurata*  
 1178 *Scutellaria spicata*  
 1263 *Solidago ptarmicoides*  
 1363 *Chrysopsis (mariana)*  
 1701 *Andromeda mariana*  
 1890 *Veronica Anagallis*  
 1986 *Monarda pativa*  
 1995 *Pycnanthemum virginicum*  
 1997 " *clinopodioides*  
 2038 *Monarda Bradburiana*  
 2058 *Scutellaria pilosa*  
 2060 " *integrifolia*  
 2074 *Stachys hirsutifolia*  
 2097 *Symphyletum officinale*  
 2113 *Myosotis arvensis*  
 2138 *Polemonium reptans*  
 2158 *Ipomoea trilobata*  
 2164 " *hirsutifolia*  
 2173 *Calystegia spithamea*  
 2225 *Gentiana angularis*  
 2228 " *gracilis*  
 2246 " *Saponaria var. hirsuta*  
 2283 *Asclepias peruviana*  
 2294 *Asclepias viriflora*  
 2307 *Vincetoxicum nigrum*  
 2345 *Chimaphila plantaginifolia*  
 2350 " *ambrosioides*  
 2375 *Amaranthus viridis*  
 2461 *Ceratophyllum demersum*  
 2485 *Euphorbia hirsutifolia*  
 2538 *Panctaria Pennsylvanica*  
 2590 *Quercus palustris*  
 2593 " *prinus*  
 2646 *Populus heterophylla*  
 2693 *Senecio peruviana*  
 2694 " *paniculata*

TUESDAY

- 2713 *Potamogeton crispus*  
 2715 " *gramineus*  
 2718 " *lucens*  
 2722 - *Menispermis*  
 2724 - *pectinatus*  
 2728 - *pusillus*  
 2738 *Alisma Plantago v. Am.*  
 2757 *Habenaria ciliaris*  
 2786 *Spiranthes grave v. Walt.*  
 2809 *Microstylis monophyllus*  
 2816 *Corallorhiza innata*  
 2819 *Ophrys sphegodes*  
 2862 *Dracopis villosa*  
 2868 *Smilax hispida*  
 2909 *Urtica grandiflora*  
 3781 *Ophioglossum vulgatum* 64

Dr J. W. Congdon Jan 27/79

WEDNESDAY

24. *Asplenium platyneuron* (2)  
*Castilleja intermedia* Gr.  
*Eriogonum umbellatum* Don  
*Polemonium canadense*  
*Astropalis adnata*  
*Liatris punctata*  
*Grindelia squarrosa*  
*Brickellia oxyptera*  
*Platanus affinis*  
*Polygonum hyssopifolium*  
*Orthocarpus luteus*  
*Eriogonum asperum v. cult.* (2)  
*Oenothera caespitosa*  
*Phlox alba* (2)  
*Penstemon acuminatus*  
*Lupinus grandiflorus*  
*Panicleum sericeum*  
*Artemisia arctica*  
*Trifolium repens*  
*Mertensia alpina* (2)  
*Arenaria fendleri*  
*Allium reticulatum*  
*Cynopterus alpinus*  
*Quercus Rossii*  
*Sorbus americana* (2)  
*Zinnia mexicana* (2)  
*Lepidium draba* (4)  
*Camelina sativa* (2)  
*Erysimum cheiranthoides* (5)  
*Atropa rosea* (2)  
*Matricaria chamomilla* (2)  
*Flaveria centogyra* (1)



THURSDAY, JANUARY 8, 1874.

+ = new one

Cr

Sent Feb 1878

- 67 *Hydrocotyle canadensis*  
101 *Nymphaea tuberosa*  
129 *Nasturtium sylvestre* (root)  
*Viola renifolia*  
298 *Lycium vestertina*  
*Dahlea pinnatifida*  
*Desmodium illinoense*  
1224 *Aster amethystinus*  
1830 *Prunella vulgaris*  
*Lycopus Europaeus*  
1989 " *Virginicus*  
2096 *Lycopsis arvensis*  
2235 *Erythraea Centaureum*  
2288 *Asclepias purpurascens*  
*Centauria acuta*  
2292 *Polygonum Hartwegii*  
*Cheandratu*  
2550 *Urtica dioica*  
2759 *Habenaria dilatata*  
2839 *Lachnanthes tinctoria*  
2885 *Trillium nivale*  
3747 *Aspidium Goldianum*  
3787 *Lycopodium cuneatum*

Rec<sup>d</sup> Dec. 24/78

- 332 *Spirulena Salina* (3) +  
637 *Lespedeza Stuebelii* Nutt. (2)  
887 *Myriophyllum arifolium* (2) +  
" *capitatum* (2) +  
886 " *limosum* (2) +  
" *scabratum* Mx (4)  
1016 *Andropogon imbricatus* (flowers) +  
951 *Lycium hyssopifolium* L. (2) part  
993 *Crucifera lineata* Nutt (4)  
1192 *Eupatorium aromaticum* L. (2)  
1179 *Diarris granifolia* (2) (11)  
1224 *Aster amethystinus* Nutt (1)  
1337 *Solidago puberula* (4)  
*Senecio viscosus* L. (2) +  
1593 *Onopordum acanthium* L. v  
1613 *Nabalus Franeri* D.C.  
1707 *Chelone acuminata* Mx. (3) +  
1724 *Rhodora canadensis* L. (3)  
1693 *Leucothoe racemosa* Gray (4)  
" *Lysimachia vulg.*  
1873 *Gratiola viridis* (3) +  
2257 *Polygonum procumbens* L.  
2290 *Asclepias tuberosa* L. (2)  
2422 *Rumex salicifolius* (2)  
2393 *Polygonum Carey* (2)  
2643 *Salix viminalis* L. (2) +  
2552 *Urtica arvensis* L. +  
2639 *Salix purpurea* (2) +  
2774 *Juncus tenuis* (2) +  
2962 " *articulatus* L. +  
3197 *Carex aquatilis* Willd.  
3289 " *olneyi* part +  
3242 " *foena* +  
3449 *Leptochloa mucronata* +  
3546 *Trisetum palustre* (5) +  
3571 *Paspalum floridanum* Mx +

FRIDAY

✓ = rec<sup>d</sup> Dec 27/78 to be sent in 1878 L. rec<sup>d</sup> Jan 29/79

- 1 *Clematis verticillaris* (2)  
118 *Glaucium luteum* ✓ +  
153 *Arabis petraea* (rec<sup>d</sup> from Mx) L  
177 *Draba incana* L  
330 *Sagina nodosa* (rec<sup>d</sup> from Mx)  
361 *Malva Alcea*  
390 *Hibiscus incanus*  
534 *Sanista tinctoria*  
538 *Fritillaria medicum* (2) +  
756 *Gelium virginianum* (part rec<sup>d</sup>)  
769 *Potentilla frigida*  
898 *Epilobium hirsutum* (part rec<sup>d</sup>)  
992 *Hydrocotyle interrupta*  
1033 *Sium Carsonii* D. ✓ (3) no fruit +  
1076 *Sonchera caerulea* ✓ (2)  
1314 *Solidago elliptica* (2) (part) +  
1324 " *linifolia* (2)  
1488 *Cypripedium trichospermum* (part rec<sup>d</sup>)  
1693 *Staphidium coarctatum* Ell.  
1822 *Utricularia vesiculosa*  
2320 *Fraxinus quadrangulata* (rec<sup>d</sup> from Mx)  
2418 *Rumex Patientia* rec<sup>d</sup> from Mx  
2420 " *orbiculatus* ✓ (2) +  
2760 *Habenaria frimbriata* (2) +  
2769 " *orbiculata* (part rec<sup>d</sup>)  
2775 " *viridis* var. *bract.* L  
3652 *Equisetum limosum* (rec<sup>d</sup> from Mx) L  
3658 " *variegatum* " " L

SATURDAY 10



+ = new

MONDAY, JANUARY 12, 1874.

Recd of Prof J. H. Wierman, Ballistics out (C. W.) Jan 13/79 (in Ballistics)

*Rumex crispus* L. (2) +  
*Equisetum laevigatum* L. (2)  
*Draba hirsuta* L. (3) +  
*Draba cuneata* L. (2) +  
*Aspidrum Felix* Willd., Junz (4)  
*Woodsia oreopana* Desf. (4) +  
*Senecio aureus* L. (var) (1)  
*Polygonum rufescens* Schrad. (1) +  
*Alisma plantaginifolium* Nutt (2) +  
*Sparanium simplex* var. ang.  
*ustulatum* Gray. (2) +  
*Callitriche autumnalis* L. (2)  
*Asclepias incarnata* L. (1)  
*Physalis grandiflora* Hook (1) +  
*Sedum acre* L. (6)  
*Lonicera ciliata* Nutt (1)  
*Botrychium lunaria* L. (2)  
*Comandra lincd* (2) +

*Doctes riparia* Engelm. (4)  
*Dracocephalum pauciflorum* Nutt (1)  
*Hyssopus officinalis* L. (2)  
*Stellaria media* Robt. (4)  
*Polygonum Clatensis* (2)  
*Plantago Repens* Gray (1) +  
*Echinospermum Ledeburkii* Sch. (1)  
*Vaccinium myrtoides*, Hook (1)  
*Yernia*  
*Achillea ptarmica* L. (1) +  
*Lonicera involucrata* Barb (1)  
*Senecio palustris* Hook (1) +  
*Saxifraga lucifida* Nutt (2) +  
*Potentilla Pennsylvanica* L. (2)  
*Erodium cicutarium* L'Her (2)  
*Oxytropis Lambertii* (1)  
*" campestris* DC. (2) (1)  
*Alyssum calycinum* L. (3)  
*Ranunculus affinis* var. *leucops*

Recd of him July 4/79 95 TUESDAY 13 specim in volun - any 1000 south  
 of western + Ballistics plants

WEDNESDAY 14



Cr

Lyman ~~Hayward~~

Pine Plains Del. Co

- ✓ *Carex flava* L.
- ✓ *Potamogeton obtusifolius* Michx.
- ✓ *Batrachium Simplex*
- Carex Purshii*, Ohry
- " *viridula* Michx.
- " *Eburnea* Nutt
- " *Spartanacoides* Muhl.
- ✓ *Schizaea pusilla* Pursh
- ✓ *Aspidium fopreans* L.
- ✓ " *viride*
- ✓ " *aculeatum* V. Braun: Nutt
- ✓ *Struthiopteris Pennsylvanica*
- + *Aspidium Crist. var. Clintonianum* new
- ✓ *Woodsia Glauca*

- ✓ *Castilleja pallida*
- ✓ *Aster* <sup>*coerulea*</sup> *graminifolius*
- ✓ *Hedysarum boreale*
- ✓ *Ammanium latifolium* L.
- ✓ *Saxifraga aizoides* L.
- ✓ *Lithospermum canescens*
- ✓ *Ambrosia psilostachya* DC.
- ✓ *Viola delphinifolia* Nutt
- ✓ *Hedeoma hispida*
- + ✓ *Valeriana paniculata* new
- ✓ *Lippia lanceolata*

FRIDAY 16

- ✓ *Sedum Telephium* Michx.
- + *Mentha rotundifolia* L. new
- ✓ *Cycloloma platyphylloides* DC. new
- + *Cranthia ovalis*
- ✓ *Obolaria Virginiana*
- + *Amblygma Torreyi* new
- + *Pachystima Canbyi* new
- ✓ *Rhodora Canadensis*
- ✓ *Senecio tinctoria* +
- ✓ *Nardus stricta palmata*
- + *Linaria Elatina* new
- ✓ *Amaranthus perfoliatus*
- + *Geranium odonata* new
- ✓ *Silene inflata*
- ✓ *Cerastium nutans*
- ✓ *Clematis Verticillaris* DC.
- ✓ *Hypericum pyramidatum*
- ✓ *Impatiens pallida*
- + *Hypericum ellipticum* new
- ✓ *Rhynchospora alba*
- ✓ *Solidago ulmifolia*
- ✓ " *muhlenbergii* (3)

SATURDAY 17

- ✓ 2" *Struthiopteris*
- ✓ *Thysanotus trifol. v. apt.*
- ✓ *Baptisia tinctoria*
- ✓ *Geranium vivale*
- ✓ *Potentilla fruticosa* L.
- ✓ " *capitata* Nutt
- ✓ *Vicia cracca*
- ✓ *Prunus pennsylvanica*
- + *Urtica urens* new
- ✓ *Campanula rapunculoides*
- + *Betula lenta* <sup>*purpurea*</sup> new
- ✓ *Valeriana Sylvatica*
- ✓ *Lobelia Kalina*
- ✓ *Dirca palustris*
- ✓ *Spiranthes Romanzoffiana*
- ✓ *Myrica Salicifolia*
- ✓ *Quercus prinus*
- ✓ *Comandra calyculata*
- ✓ *Vaccinium Pennsylvanicum*
- ✓ *Andromeda polifolia*
- ✓ *Hydrophyllum appendiculatum*
- ✓ *Conoclinium coelestinum*
- ✓ *Draba arabisans*
- ✓ *Erigeron divaricatus*
- ✓ *Ammanium nuttallii*



MONDAY, JANUARY 19, 1874.

Utah 47  
Admission 44  
40

131

Dr Wm. Canby M. Canby Del

- 3715 Woodwardia angustifolia Nutt (2)  
2929 Lonicera Phil's L. (2)  
2948 Myrica botryoides Muhl  
2883 Trimenia cernua L.  
2814 Cardalopsis virata R.Br.  
2891 Trillium grandifolium Salisb.  
2823 Cypripedium pubescens Willd.  
2825 " aculeatum Willd. Ait  
2901 Perophyllum aspidioides Nutt  
2762 Habenaria hypoleuca R.Br.  
2776 " nivescens Spreng.  
2777 Gordyera repens R.Br.  
2768 Habenaria obtusata Rich.  
1896 Veronica peregrina L.  
1928 Castilleja pallida Kunth  
1927 " coccinea Spreng. (2)  
1896 Veronica peregrina L. (2)  
1526 Galinsoga peruviana Cav. (2)  
1147 Fedia Fagopyrum W.G.  
1144 Valeriana Sylvestris Rich.  
952 Lythrum alatum Pursh.  
852 Saxifraga Penn. L.  
846 " aizoides L.  
521 Polygala polygama Walt. (2)  
325 Cerastium anense L. (4)  
324 " oblongif. Torr. (3)  
Dracopis longifolia L. (18 Trueb)  
231 Lechea para. Cassarea Aubl. (2)  
Matricaria chamomilla. (2)  
Asperugo procumbens L. (2)  
298 Lychnis Vespertina Libb.  
195 Lepidium Draba L. (3)  
169 Erysimum cheimanthoides L. (2)  
" asp. v. - - " puzzle"  
152 Arabis lyrata L.  
Alliaria officinalis D.C. (2)  
1528 Antheris anensis L.  
2 Clematis ochroleuca Ait (3)  
56 Trollius laxus Salisb.  
Nemophila Canadensis D.C. R.  
Alnus viridis D.C.  
Vaccinium Canadense Kaln.  
Lycopodium americanum L.  
" Selago L.  
Rhododendron Lappaceum Wahl.  
Broselia peltata Pursh.  
Thuja occidentalis L.

TUESDAY 20

- Dracopis Lappacea L.  
Lobelia Dortmanni L.  
Aspidium cristatum L.  
Taper baccata L. v. Ann.  
Cornus Canadensis L. (2)  
Calla pallens L.  
Nabalus namus D.C. (4)  
Phlox pilularis Dryopteris Fee (2)  
Clintonia borealis Raf.  
Aronia Canadensis L. (2)  
Rhinanthus cristatus Raf.  
Sedum telephium L.  
Dalibarda repens L. (2)  
Ceptris trifoliata Salisb.  
Aralis acutella L.  
Sedum latifolium Ait.  
Polygonum amplifolium L. (2)  
Andromeda polifolia L. (2)  
Lycopodium lucidulum Mx  
Scheuchzeria palustris L.  
Lycopodium clavatum L.  
Chamaeneris hispida Torr.  
Potentilla fruticosa Ait.  
Pyrola secunda L.  
Empetrum nigrum L.  
Aster macrophyllum L.  
Canadensis calyculata Dru.  
Solidago thyrsoides Emu.  
Lycopodium dendroideum Mx  
WEDNESDAY 21  
Prunus Pennsylv. L.  
Solidago squarrosa Muhl.  
" latifolia L.  
" stricta Ait (2)  
Calycanthus floridus L. (2) Penn.  
Matricaria discolor D.C.  
Utah Plants of Palmer 1872

- no.  
310 Callonia linearis Nutt  
313 Erythraea Dorylaima Gray (2)  
298 Campanula latifolia Torr. (2)  
324 Felicia leptomeria Gray  
323 " filiformis Gray  
319 " pinnatifida v. depauperata Nutt  
317 " congesta Hook.  
355 Eritrichium Can. C. M. Dru.  
343 Calceola aspid. Mx  
337 Hydrophyllum occidentale Gray  
331 Phacelia parghalla Gray  
373 Geranium Gray  
380 " pinnatifida v. depauperata Nutt  
357 Eritrichium Can. C. M. Dru.  
383 Mundaia Gray  
395 Phacelia linearis Gray  
425 Phacelia linearis Gray  
426 " linearis Gray  
427 " linearis Gray  
428 " linearis Gray  
429 " linearis Gray  
430 " linearis Gray



Cr duplicates (not serial)

my desiderata

2092 Polypogon monspeliensis (1)  
 2065 Zizania miliacea  
 73 Polypogon filiformis (1)  
 30 Trant. palm. (1)  
 82 M. ... (1)  
 88 Coccin. ... (1)  
 78 M. ... (1)  
 192 Berberis ... (1)  
 192 Papaver ... (1)  
 144 Arpenae nap. (1)  
 137-8 Leacocnemis Mx. (1)  
 155 Arabis patens (2)  
 223 Vicia ... (2)  
 185 Alysicarpus ... (2)  
 175 Draba ... (2)  
 304 Arrenaria ... (2)  
 336 Stipulicida petaloc. (2)  
 627 Decandrea ... (2)  
 307 Arrenaria ... (2)  
 510 Centaurea polypog. (2)  
 545 Mulibula ... (2)  
 414 Simen Sulcatum (2)  
 373 Sida napaea (2)  
 367 Malvastrum ... (2)  
 408 Corchorus ... (2)  
 365 Napaea ... (1)  
 357 Sesuv. ... (1)  
 382 Abutilon crispum (1)  
 763 Zeum ... (2)  
 804 Rosa ... (1)  
 FRIDAY 23  
 833 Cratogeomys ... (3)  
 838 Philadelph. ... (1)  
 833 174 drapaea ... (1)  
 842 Parnassia ... (1)  
 877 Sedum ... (3)  
 870 Tillaea ... (3)  
 869 Dracopis ... (3)  
 934 Lysimachia ... (2)  
 16 Lysimachia ... (1)  
 880 Fothergilla ... (1)

2072 *Leucum Maurus*. (1)  
11 24 *Geras. ped. var. picta*.  
22 26 *Sabbatia broch.* (1)  
2788 *Spier. Saip.* (1)  
1993 *Pez. aus. var. hyp.* (1)  
2472 *Euph. Curtis.* (1)

FRIDAY 23

Duplicate not Dued

3542 *Danthonia Scribn.* N. (3)  
3610 *Panicum viscidum* Ell. (4)  
3472 *Glyceria acutifl.* ? (4)  
3549 *Aira procera* (2)  
3517 *Carex varia* (2)  
3730 " *stricta* Nyp. (2)  
3755 *Carex pyramidalis* Sch. (3)  
3239 " *floerkeana* Desf. (1)  
3227 " *divinifolia* ? (2)  
" *Carex siliacea* Olney (2)  
3347 " *Texta* Sch. (3)  
3224 " *curtata* Sch. (2)  
3185 *Scleria paniculata* Nyp. (1)  
3163 SATURDAY 24 *ciliata* Nyp. (2)  
9147 *Allyrium ciliatum* (2)  
3156 *Rhynchospora gracile* (2)  
3111 *Scirpus paniculatus*  
3083 *Echinochloa crusgalli* (2)  
3154 *Rhynchospora fasciculata* (2)  
3165 *Rhynchospora oligosperma* (1)  
2980 *Scirpus americanus* Sch. (2)  
3009 *Xyris Caroliniana* W. (2)

Jan 29/79 Hunt-Cauty  
 Solanum A  
 Senecio Soldanella?  
 " fil. var. aurea?  
 Papaver alpinum (1)  
 Consuetus " (2)  
 Dalia Aurea (2)  
 Nicotiana glauca (1)  
 Chamaecladus aurea  
 Polanisia uniflora.  
 Veronica alpina  
 Consuetus totatus  
 Veronica nigrifolia  
 Clacanthus flavidus  
 E. Primula fistulosa 13

260 *Asterella bicoloris* Gray n. sp.  
241 *Gymnoloma* (Hel.) *multif.*  
225 *Sytroclene micropis* Gray  
204 *Tormentum*  
223 *Erigeron divergens* Gray.  
208 *Aster tortifolius* Gray  
799 *Lapparia Palmeri* Gray n. sp.  
190 *Tormentum plumosum* "  
188 *Callipogon galioides*  
178 *Potentilla Pungit* Watson  
175 *Petalogyne* *nitida* Watson  
157 *Gray phyllanthus* Watson  
171 *Munzella chrysantha* Engelm.  
107 *Dracopis Pungit* Watson  
150 *Salix debilis* Watson  
149 *Menyanthes triflorata* L.  
117 *Asplenium adnigrum* Gray  
99 *Asplenium adnigrum* Benth  
118 *Asplenium Kingii* Watson  
77 *Monarda* *rubra* Gray  
52 *Asplenium adnigrum* Benth

972 *Paniclea lutea* (L.) (2)  
 998 *Lychnis viscaria* (L.) (3)  
 1087 *Viburnum acer* (L.) (3)  
 1140 *Staphylea trifolia* (L.) (3)  
 1106 *Salix latifolia* (L.) (3)  
 1131 *Persea pubescens* (L.) (1)  
 1146 *Fedia blanda* (L.) (2)  
 1197 *Eupatorium* (L.) (2)  
 1346 *Solidago spicata* (L.) (3)  
 1204 *Eupatorium pubescens* (L.) (2)  
 1260 *Aster paludosus* (L.) (2)  
 1298 *Boerhaavia carolinensis* (L.) (11)  
 1317 *Solidago flammula* (L.) (11)  
 1271 *Bellis integrifolia* (L.) (11)  
 1237 *Aster autumnalis* (L.) (2)  
 1397 *Iris ciliata* (L.) (2)  
 1384 *Delphinium* (L.) (1)  
 1452 *Helianthus* (L.) (1)  
 1434 *Rudbeckia hirta* (L.) (11)  
 1503 *Verbena virginica* (L.) (2)  
 1514 *Helianthus annuus* (L.) (1)  
 1583 *Virgatus polyphyllus* (L.) (1)  
 696 *Baptisia alba* (L.) (1)

1570 *Amica nuda*. (1)  
1623 *Pyrrh. aff. Car.* (1)  
1574 *Amica nuda*. (1)  
1217 *Adenocaulon*. (2)  
1505 *Matricaria*. (2)  
1505 *Pyrrh.* (1)  
1524 *Maandrella*. (1)



MONDAY, JANUARY 26, 1874.

Recd Jan 28/79 of Matthias H. Pantan. Box 103 Junction of Kans.  
Recd 28 species.

1879  
Jan 30 sent him the following  
*Hottentia inflata* Ell (1)  
*Calceolaria pulchella* (H) Kth.  
*Cypripedium caule* art (2)  
*Pogonia ophi.* mult (4)  
*Clintonia grandif.* (1) fruit  
" *perfol.* (2) L  
*Erythronium americanum* (1) fruit  
*Lilium Phil.* (1) L.  
*Pedicularis lance.* var. (2)  
*Veronica serpyllif.* (3) L.  
*Verbena off.* L. (2)  
*Gratiola Virgin.* L. (2)  
*Melanophyllum* var. var. (1)  
*Veronica scutellata* L. (2)  
" *arvensis* L. (1)  
*Castilleja coe.* (1) L.  
*Egeria pedic.* L. (2)  
*Rhynchospora macro.* (1) L.  
TUESDAY 27  
*Oxalis acitoides* L.  
*Salicaria repens* L. (2)  
*Andropogon polyfolius* L.  
*Muricea* L. (2)  
*Lycopodium lucid.* var. (1)  
" *clavatum* L. (1)  
" *dendroideum* var. (1)  
*Cynodictis Virgin.* var. (1)  
*Xanthoxylum* L. (1)  
*Salicaria caesia* L.  
*Scutellaria palmarum* L. (1)  
*Aster nemoralis* art (1)  
" *cordifolius* L. (2)  
*Nabalus allivatus* Hook (1)  
*Capanda calyc.* var. (1)  
*Eupatorium perfol.* L. (1)  
*Uncaria scandens* L.  
*Pyrola secunda* L. (2)  
*Aspidopis mariana* var. (1)  
*Pluchea campestris* (1) L.  
= 38 sp.

WEDNESDAY 28



+ new home

THURSDAY, JANUARY 29, 1874.

C Howard Shreve, Leitchville Va Nov. 5/78

- + Paronychia dich. (fr. Woburn)  
 + Sedium Nevii  
 Lechea fr. Leggett  
 Rudbeckia fulgida  
 + Ligustrum octaefolium  
 + Heuchera villosa  
 + Delphinium exaltatum  
 + Andromeda floribunda  
 + Boykinia aconitifolia  
 + Magnolia fraseri  
 Vaccinium Euthracium  
 + Parnassia asarifolia  
 Stachys cordata  
 Rhododendron Catawbiense  
 Nepeta Gleasonii (crop)  
 Cedronella cordata  
 Osmundicum nolle?  
 Heuchera conescens?  
 Penstemon?  
 Lysimachia lanceolata? FRIDAY 30  
 Osmundicum Carolinianum  
 asplenium montanum

SATURDAY 31

C. Dr. A. M. Zoster, Bennington S. C.

- Nov 28  
 1940 Ruellia humistrata (1)  
 114 Argemone mexicana (2)  
 1600 Krigia Caroliniana (2)  
 1767 Lysichiton grandiflorus (3)  
 2511 Stillingia sebifera (2)  
 806 - Crataegus apiculata. leaf  
 2804 Epidendrum corymbosum (2)  
 660 Rhynchospora tenuis v. erecta?  
 8 Clematis crispa L. (2)



MONDAY, FEBRUARY 2, 1874.

new

S. Guttentberg Wheeling W. Va.

Aug 31/78 in person  
*Aconitum uncinatum*  
*Leechea*  
*Euphorbia maculata*  
*Geranium* *Sap.* *v. lineare*  
*Oenothera*  
*Ipomoea* *gil*  
*Verbena* *superbica*  
*Verbena* *officinalis*  
*Actinophyllum* *europaeum*

Aug 14/79  
*Maianthemum* *puberulum* (1)  
*Hieracium* *villosa* (1)  
*Cornus* *maculata* (1)  
*Valeriana* *franciflora* (3) +  
*Aster* *Shortii* (2) +  
*Hieracium* *trachifolium* (2) +  
*"* *microphyllum* (2) +  
*Verbena* *Siegebeckia* (2) +  
*Oxidenium* *arborescens* (3)  
*Campylopus* *diversifolius* (2) +  
*Lychnis* *viscaria* (2) +  
*Martynia* *proserpinaca* (1) +  
*Cedronella* *cordata* (3)  
*Androsace* *grandiflora* (3) +  
*Seymouria* *saxatilis* (2)  
*Phlox* *maculata* (2)  
*Asclepias* *phylicifolia* (2)  
*Astragalus* *virginianus* (4) *clew*  
? *Amaranthus* *hypochondriacus* (2) +  
? *Sanitaria* *peruviana* (4) *large*  
? *Sparganium* *angustifolium* (1)  
*Prunella* *laevigata* (1)  
*Clintonia* *umbellata* (1)  
*Polygonum* *giganteum* (1)  
*Retortilla* *arvensis* (1) +  
*Polypodium* *californicum* (1)  
*Orthocentrus* *dealbata* (1) +  
*"* *Fendleri*  
*Chelidonium* *californicum* (3) +  
*"* *vestita* (2)  
*"* *gracillima*  
*Pellaea* *ornithoglossa* (D. Clew) (1) +  
*"* *andromedifolia* (M. Clew) (1)  
*Rorippa* *chilensis*  
*Wormwood* *radicans* (1) +  
*var. arvensis* (D. Clew) +  
*Cystopteris* *montana* (C. Clew) (2) +

TUESDAY 3

37 *Sparganium* *angustifolium* (1) +  
3705 *Euphorbia* *agrylla* (1) +  
3703 *Chimaphila* *vestita*  
3687 *Polygonum* *virginicum*  
3665 *Antitoxicon* *Euphorbia* (2) +  
2229 *Sanitaria* *Sap.* *v. lineare* Gray  
2246 *Cerastium* *bulbosum* (2)  
321 *Arabis* *hirsutissima* (2)  
159 *Aconitum* *uncinatum* +  
64

WEDNESDAY 4

Mich  
27/79

Brown Report  
*Pycnanthemum* *barbulatum*  
*Scutellaria* *integerrima*  
*Onosmodium* *officinale*



THURSDAY, FEBRUARY 3, 1874.

Cr. June 1878 John Wall 64 Ave N.Y. City

*Tigularia discolor* (fl.)  
*Potamogeton* from v. heterophyll.  
*Euphorbia commutata*  
*Polygonum Carey*  
*Emmenanthe Anderson*  
*Orobanchis muralis*  
*Polygala Curtissii*

Dr J. S. Meyer  
 238 *Drosera capillaris*  
 820 *Calceolites laevis*  
 900 *Ornithoglossum chrysanth.*  
 898 *Epilobium angustifolium*  
 927 *Andropogon capillaris*  
 950 *Ammannia Nuttallii* King  
 950 *Aster linifolius*  
 1275 " *trichophyllus* L.  
 1247 " *grandiflorus*  
 1355 *Solidago virens*  
 1719 *Azalea calyculata*  
 1376 *Phlox carolinensis* DC.  
 1722 *Rhododendron punctatum*  
 1721 " *Calatropis*  
 1739 *Pteropoda Andromeda*  
 1909 *Gerardia linifolia* Nutt?  
 1993 *Pycnanthemum arifolium*  
 1927 *Castilleja coccinea*  
 2075 *Stachys flandana*  
 2093 *Heliophyllum hircum*  
 2177 *Phlox procumbens*  
 2776 *Junonia elliptica*  
 2807 *Microrhiza - nigra*  
 2384 *Alternanthera aegyptiaca*  
 2703 *Asparagus + Andromeda*  
 2788 *Spiranthes spiralis*  
 3111 *Blackium Scutellaria*  
 3683 *Chelidonium majus*  
 3702 *Pellaea densa*  
 3694 " *Brodiaea*  
 3793 *Lycopodium complanatum*  
 3727 *Asplenium septentrionale*  
 (A) *Asplenium procumbens* L.  
 (B) *Papaver Rhoeas* L.  
 (C) *Tridax hypogaea* Willd.  
 (D) *Polanthes tuberosa* DC.  
 (E) *Rapistrum rugosum* DC.  
 (F) *Stachys annua*  
 (G) *Alliaria officinalis*  
 (H) *Silvestris perennis*  
 (I) *Centauria Amarella*  
 (J) *Polemonium confertum* + Nutt.  
 (K) *Primula Parryi*  
 (L) *Valeriana Edulis*  
 (M) *Anemone patens* " Nutt.  
 1346 *Solidago spithamea*  
 2472 *Epilobium Curtissii*  
 1237 *Aster*  
 (N) *Oenothera corniculata*  
*Clitrea acuminata*

Rockland Centre Buckle Co.  
 Dec. 17/78  
 +137 *Leavenworthia aurea* ? or (1)  
 +108 *Sarcocolla Drummondii* Cism (1) (1) Mohr  
 +181 *Draba Caroliniana* A. N. S. (2) M. H. Parry H. S.  
 153 *Arabis petraea* Lam. (3) W. H. S. A. P. S. S. S.  
 +247 *Asplenium microcephalum* ? or (1)  
 +197 *Serolobus cornutus* DC. (1) Ballerl-  
 +280 *Scilla prolifera* L. (1)  
 +344 *Siphocampylus erecta* Chap. (1)  
 +330 *Sagittaria nodosa* Fenzl. (1) Rev. J. Blake  
 +407 *Stimantia* Vay. Car. (1) M. H. Parry  
 +421 *Geranium columbinum* L. (1) (1) nos  
 +Ballerl. *Andropogon falcata* L. (2) (1)  
 +Ballerl. *Mullethus ruberanthus* Vay. (1) (1) nos  
 +530 *Lupinus diffusus* Nutt. (1) (1) nos  
 +661 *Rhynchospora galactodes* Chap. (1) (1) nos  
 +668 *Vigna glabra* Sari (1) (1) nos  
 +749 *Pteris longipes* L. (1) (1) nos  
 +1000 *Erigeron virginicus* Lam. (1) (1) nos  
 +Euph. *Bulbophyllum tenuissimum* L. (1) (1) nos  
 1513 *Chamaelirium luteum* ? or (1) (1) nos  
 +1134 *Alchemilla borealis* Chap. (2) (1) nos  
 +1166 *Carphophagus pseudo-decurrens* Chap. (1) (1) nos  
 1179 *Galium praeveniens* Willd. (1) (1) nos  
 +1203 *Epilobium himalaicum* Willd. (1) (1) nos  
 +1271 *Stachys angustifolia* DC. (1) (1) nos  
 1348 *Sardoa stricta* L. (1) (1) nos  
 +1515 *Leptodermis filiformis* Nutt. (1) (1) nos  
 +1514 *Pellaea fimbriata* L. (1) (1) nos  
 1481 *Coreopsis lanceolata* L. (1) (1) nos  
 1585 *Cissampelos virginiana* Vay. (1) (1) nos  
 +1592 *Cnidium nutans* L. (1) (1) nos  
 1655 *Campanula patula* L. (1) (1) nos  
 +1846 *Liriodendron virginicum* Chap. (1) (1) nos  
 +2014 *Calamintha canadensis* Vay. (1) (1) nos  
 +Eur. *Salvia austriaca* L. (1) (1) nos  
 +2081 *Stachys germanica* L. (1) (1) nos  
 +22137 *Physalis alkekurg* L. (1) (1) nos  
 +2207 *Philadelphus* L. (1) (1) nos  
 +2221 *Pistia rustica* L. (1) (1) nos  
 +2233 *Sabbatia centraria* Willd. (1) (1) nos  
 +2244 *Centraia alba* Willd. (1) (1) nos  
 2304 *Scutellaria maritima* DC. (1) (1) nos  
 2358 *Asplenium vasa* L. (1) (1) nos  
 +2411 *Polygonum petasites* Willd. (1) (1) nos  
 +2428 *Rhynchospora virginica* L. (1) (1) nos  
 +2427 " *capillaris* Nutt. (1) (1) nos  
 +2705 *Rainier major* All. (1) (1) nos  
 2707 *Tofieldia pubens* A. N. S. (1) (1) nos  
 +3014 *Xyris tenuifolia* Chap. (1) (1) nos  
 +3012 " *fimbriata* Willd. (1) (1) nos  
 +3658 *Equisetum variegatum* Sch. (1) (1) nos  
 3652 " *limosum* L. (2) (1) nos  
 +Euph. *Euphorbia petaloides* Euph. (1) (1) nos  
 " + *Erigeron leavenworthii* ? or (1) (1) nos  
 +2332 *Oxybaphus angustifolius* DC. (1) (1) nos  
 + " *Dalea aurea* Nutt. (1) (1) nos  
 + " *Petalostemum multifidum* - Nutt. (1) (1) nos  
 " *Dalea laxiflora* Pursh. (1) (1) nos  
 +913 *Oenothera punctata* Nutt. (1) (1) nos  
*Traximus quadrangulata* = 62



MONDAY, FEBRUARY 9, 1874.

Mus

Everts

Sept. 1878

- 806 *Crataegus apifolia* (2)  
 660 *Rhynchosia v. erecta* (2)  
 492 *Asclepias paniculata* (2)  
 409 *Pinus americana* (2)  
 383 *Modiola multipida* (2)  
 88 *Cocculus Carolinus* (2)  
 634 *Hydrangea paniculata* (2)  
 896 *Samolus filipes* (3)  
 908 *Knuthia repens* (3)  
 1247 *Asclepias grandiflora* (3)  
 1260 *Solidago paludosa* (3)  
 1304 *Solidago borealis* (2)  
 1375 *Alchemilla borealis* (2)  
 1424 *Hebea fulgens* (4)  
 1481 *Carex lanceolata* (3)  
 1523 *Marshallia latifolia* (3)  
 1639 *Lobelia anthera* (2)  
 1873 *Gratiola racemosa* (2)  
 2233 *Sabbatia fruticulosa* (3)  
 2327 *Asarum canadense* (1)  
 2540 *Ulmus alata* (1)  
 2657 *Pinus australis* (2)  
 2552 *Urtica urens* (1)  
 2875 *Smilax latifolia* (3)

TUESDAY 10

- 2932 *Silene Supurb. v. Car.* (2)  
 419 *Geranium canadense* (2)  
 1386 *Silphium laciniatum* (1)  
 753 *Agrimonia eupatoria* (1)  
 1029 *Dicentra fruticulosa* (1)  
 779 *Ran. bulbosus* (2)  
 1585 *Cucumis virginicus* (1)

oh says same

called Callisone

Feb. 1879 Prof. My. deid. Peron

- 15 *C. Cassia Marylandica* (1)  
 14 *Podophyllum peltatum* (1)  
 13 *Senecio heterophyllus* (1)  
 12 *Senecio aureus* (1)  
 11 *Polygonum canadense* (1)  
 9 *Hepatica acutifolia* (1)  
 8 *Chelidonium majus* (1)  
 8 *Celastrus scandens* (1)  
 6 *Thalictrum dioicum* (1)  
 5 *Urtica dioica* (1)  
 4 *Sparganium angustifolium* (1)  
 3 *Silphium trifoliatum* (1)  
 2 *Matricaria* (1)  
 1 *Eupatorium purpureum* (1)

To sent. Mich. 17. 1879

Lin. deid.

- 27 *Clematis och.* (2)  
 22 *Sabbatia chlorantha* (2)  
 20 *Samolus parviflorus* (1)  
 19 *Polygala grandiflora* (1)  
 18 *Petalostema gracile* (1)  
 17 *Glycyrrhiza lepidota* (1)  
 16 *Cerastium arvense* (1)  
 15 *Spigelia maritima* (1)  
 14 *Verbena stricta* (2)

WEDNESDAY 11

- 13 *Mercurialis alpina* (2)  
 12 *Collinsia aggregata* (1)  
 11 *Primula oppositifolia* (1)  
 10 *Arenaria fendleri* (1)  
 9 *Pedicularis canadensis* (1)  
 8 *Geranium robertianum* (1)  
 7 *Erigeron v. arcticus* (1)  
 6 *Spiraea dumosa* (1)  
 5 *Zygadenum glaucum* (1)  
 4 *Gerardia pectinata* (1)  
 3 *Veronica virginica* (1)  
 2 *Statice limnifolia* (1)  
 1 *Plantago maritima* (1)







+ = new described new,  
 - = new western herb

MONDAY, FEBRUARY 16, 1874.

Dr. C. E. A. Popenoe Party North Topeka, Kansas

1879 Feb 11

*Veronica ovalifolia* (1) +  
*Cellium reticulatum* (2)  
*Mertensia aspera* (3)  
*Veronica paniculata* (1)  
*Hyssopus tenuifolius* 3 -  
*Asciolus tenuifolius* (1) -  
 " *paniculata* (1)  
*Euphorbia Cypripedium?* (2) *petaloides?*  
*Artemisia scoparia* (4)  
*Kalidasa americana* (1) -  
*Polygala alba* Nutt (1) +  
*Hesperis matronalis* (1) +  
*Pyrus angustifolia* (1) +  
*Philadelphus microphyllus* (1) -  
*Brunella foenicula* (1)  
*Artemisia latifolia* (1) -  
*Hesperis matronalis* (1) -  
*Meibomia oligosperma* (1) -  
*Apocynum androsaemifolium* (1) - spin

19 spin

Dr. C. E. A. Popenoe Party North Topeka, Kansas Feb 11 19  
*Kalidasa americana* (1)  
*Veronica ovalifolia* (1)  
*Cellium reticulatum* (2)  
*Mertensia aspera* (3)  
*Veronica paniculata* (1)  
*Hyssopus tenuifolius* 3 -  
*Asciolus tenuifolius* (1) -  
 " *paniculata* (1)  
*Euphorbia Cypripedium?* (2) *petaloides?*  
*Artemisia scoparia* (4)  
*Kalidasa americana* (1) -  
*Polygala alba* Nutt (1) +  
*Hesperis matronalis* (1) +  
*Pyrus angustifolia* (1) +  
*Philadelphus microphyllus* (1) -  
*Brunella foenicula* (1)  
*Artemisia latifolia* (1) -  
*Hesperis matronalis* (1) -  
*Meibomia oligosperma* (1) -  
*Apocynum androsaemifolium* (1) - spin

TUESDAY 17

WEDNESDAY 18

Feb. 13. 1879 - Rec<sup>d</sup> of M<sup>r</sup>. Curtis + = new

*Aesculus flava* Nutt 4  
*Rubus Michauxii* Mue. (2) +  
*Oenothera laevis* Nutt (3) +  
*Daucum pusillum* Mue. (2) +  
*Pellaea andromedaefolia* Fee 2  
*Coreopsis grandiflora* Nutt +  
*Apocynum humilis* Ell. +  
*Cobelia puberula*  
*Soraria aspera* (2) +  
 2339 *Petiveria alliacea* L. +  
 1670 *Vaccinium Elliottii* +  
 1170 *Durandtia Plumieri* Jacq. +  
 1121 *Psychotria rufescens* HBK. +  
 1302 *Solidago angustifolia* Ell. +  
 1762 *Brunella ciliata* var +  
 1477 *Coreopsis gladiata* Walt +  
 1939 *Colophanum humifusum* +  
 1948 *Oenothera humilis* +  
 2161 *Sporaea cuneolata* +  
 2166 *Sporaea Bona Nox* 2 +  
 2460 *Piper leptostachyum* Walt +  
 2754 *Aplousia setacea* Nutt (2) +  
 2687 *Pistia spathulata* Mue +  
 2846 *Idanthe pinnata* Leconte +



any doubt, +  
foreign -

THURSDAY, FEBRUARY 19, 1874.

1879 Jan

J. C. Martindale

Camden N.J.

Feb 3/79 By red

Ca

<i>Oribanchus minus</i> (1)	+
<i>Atapha rosea</i> (1)	-
<i>Plantago corniculata</i> (1)	-
<i>Ranunculus phyllostictus</i>	-
<i>Sesquidum dohleni</i> (1)	-
" <i>harmocnemis</i> (1)	-
<i>Dipl. tax. tenuifolia</i> (1)	-
" <i>muralis</i>	-
<i>Teesdalia nudicaulis</i>	-
<i>Senebiera lydiaca</i>	-
<i>Rorunda lutea</i>	-
<i>Lycium divinum</i>	-
<i>Tribulus terrestris</i>	-
<i>Serapias diandra</i>	+
<i>Trifolium Besseriense</i>	-
" <i>polycerata</i>	-
<i>Ononis spinosa</i>	-
" <i>repens</i>	-
<i>Lotus tenuifolia</i>	-
<i>Ornithoglossum perfoliatum</i>	-
<i>Trifolium hybridum</i>	-
<i>Melilotus messariensis</i>	-
<i>Medicago marginalis</i>	-
<i>Anthyllus vulneraria</i>	-

FRIDAY 20

SATURDAY 21



+ = new long Herb.

1879 Feb. 18 Recd of Cha. Mohn Mohli

MONDAY, FEBRUARY 23, 1874.

+ *Maeranthus pschads*, 1 *Lobelia brachyloba* +  
 + *Lespedeza alba*  
 + *Melochia mularioides* L.  
*Octotatema Cymbarum* (2)  
*Viola glabra*  
*Passiflora lutea*  
 + *Catula maritima* v. *arg.*  
*Sagittaria mitchellii*  
*Cassia obtusifolia*  
 + *Zeraria stenocarpa*  
 + *Calamagrostis canadensis*  
 + *Euphorbia corollata*  
*Hydrocotyle affinis*  
*Galactia pilosa*  
*Siphonanthus erecta*  
*Serapia maritima*  
 + *Verbena venosa* Hook  
*Andromeda polifolia*  
 ? *Stokesia caerulea* L. Hook.  
*Eupatorium corniculatum*  
*Oldenlandia angustifolia*  
*Hemlockia nummularia*  
*Vaccinium stramineum*  
*Epilobium puberulum*  
*Leptocaulis divaricata*  
 + *Medicago nummularia* Willd.  
*Panicum pectinatum*  
*Cyperus* Haspan  
 " *microphyllum*  
*Aira caryophylla*  
 + *Richardsonia scabra*

*Minichia cuneata* + (2)  
*Trichostema dictamnifolium*  
*Vincetoxicum palustre*  
*Dracopis annua*  
*Prochloa Florida*  
*Polygonum gracile*  
*Lycopodium complanatum* +  
*Ceratophyllum demersum*  
*Euphorbia polycarpa* +  
*Pennisetum glaberrimum* +  
*Spiraea prunifolia*  
*Asclepias tuberosa* +  
*Polygonum deltoideum*  
*Aspidistra filix*  
*Lythrum racemosum*  
*Salvia azurea*  
 62 - *Cyperus decurvus*  
*Fouquieria palmata*  
*Oldenlandia glabra*  
*Salvia borealis*  
*Solanum sibiricum*  
*Panicum latifolium*  
 " *gibbum* 72 or 73  
 " TUESDAY 24  
*Physalis obcordata* +  
*Moraea mitchellii*  
*Trichostema luteum*  
*Panicum littorale* Vasey +

*Aster adnatus* +  
*Solidago pauciflora* +  
 " *puberula* +  
 " *altissima* +  
*Heterotheca scabra*  
*Chrysopsis grandifolia*  
*Polygonum viviparum*  
*Aster dumosus* var. *foliosus*  
*Diplotaxis angustifolia*  
*Senecio carolinensis*  
*Solidago pilosa*  
*Aster canaliculatus*  
*Epilobium angustifolium*  
*Carex flacca* +  
*Liatris pycnostachya*  
*Spiraea angustifolia*  
*Stokesia caryophylla* +  
*Eupatorium pauciflorum* +  
*Vernonia angustifolia*  
*Panicum innotatum*  
 " *cutitum*  
*Liatris pycnostachya*  
*Leptochloa fimbriata*  
 " *fragrans* ? +  
*Eupatorium foeniculaceum*  
*Elychnia capitata*  
*Rumex crispus*  
*Quercus virginiana* Mantua  
*Linum floridum*

1880 Recd of Mohn. Jan -

*Hibiscus aculeatus*  
*Bumelia ciliata*  
*Mimosa strigillosa*  
*Physalis angustifolia*  
*Callispermum arinatum*  
*Ruellia multiflora*  
*Muhlenbergia spicata*  
*Polygonum hookeri*  
*Psidium*

*Croton pauciflorus*  
*Spergularia glabra*  
*Vitis icterica*  
*Myrica nuda*  
*Lilium catesbaeanum*  
*Sabbatia macrophylla*  
*Desmodium illinoense*  
*Leptochloa angustifolia*  
*Euphorbia tetraphylla*  
 " *filulifera*

*Tropaeolum aethiops*  
*Sarcocolla rubra*  
*Sedum neriifolium*  
*Leptocaulis echinatus*  
*Hesperis matronalis*  
*Sabbatia angustifolia*  
*Sarcocolla flava*  
*Siphonanthus erecta*  
*Croton angustifolius*  
*Xyris baldwiniana*  
 " *ambigua*  
*Azolla carolinensis*

WEDNESDAY 25



*Acer dasycarpus* in flower - Mas. Ave. 149181-

Rec'd from Dr. Van Vasey April 4, 1879

3 <i>Chenopodium Salicifolium</i> fl. -	2533 <i>Batis maritima</i> L. -	1967 <i>Lantana</i> in flower fl. cl. -
369 <i>Malvastrum Aeneum</i> -	2365 <i>Celosia paniculata</i> L. -	1964 <i>Stachys sp.</i> in flower fl. cl. -
113 <i>Coelostema maritima</i> (Poir.)	2387 <i>Telaubium floridum</i> Chap. ? -	1941 <i>Ruellia strepera</i> 208 -
112 <i>Pectis linifolia</i> -	2416 <i>Thysanella fruticosa</i> Gray -	1869 <i>Thysanella fruticosa</i> Gray -
1 <i>Urena lobata</i>	2439 <i>Coccoloba urifera</i> Jacq. -	2792 <i>Portulaca flauca</i> -
1 <i>Euphorbia</i> -	2440 " <i>floridum</i> -	2785 <i>Speranthes odorata</i> -
221 <i>Echites Andreii</i> Chap. -	2546 <i>Pectis aurea</i> Nutt. -	2736 <i>Hyptis</i> -
338 <i>Pisonia obtusata</i> -	2528 <i>Phyllanthus Muri</i> L. -	2848 <i>Helianthus</i> -
1113 <i>Borreria micrantha</i> - (2) -	2469 <i>Euphorbia cordifolia</i> Ell. -	3022 <i>Schmora</i> -
1 " <i>podocarpa</i> D.C. -	2487 " <i>mequialata</i> Sav. -	<i>Nephrolepis</i> -
127 <i>Enthalis frutescens</i> D. -	878 <i>Siriana maritima</i> L. -	<i>Marcia</i> -
1128 <i>Hamelia patens</i> (Ealy.)	943 <i>Laportea racemosa</i> Jacq. -	<i>Acrostichum</i> -
129 <i>Rondeletia aculeata</i> L. -	942 <i>Phytophthora Mayrle</i> L. -	<i>Polypodium</i> -
204 <i>Capparis germanica</i> Jacq. -	228 <i>Chrysobolanum</i> Jacq. L. -	<i>Chilanthum</i> -
437 <i>Velutia acida</i> L. -	982 <i>Eugenia dichotoma</i> D.C. -	" <i>virgata</i> -
462 <i>Scutia ferrea</i> Bunge -	984 " <i>monticola</i> D.C. -	<i>Woodsia</i> -
483 <i>Martynia phyllanthoides</i> Benth. -	985 " <i>bracteata</i> Willd. -	<i>Nephrolepis</i> -
487 <i>Hypelate paniculata</i> Don -	415 <i>Dybalus cistoides</i> L. -	<i>Pellaea</i> -
726 <i>Neptunia lutea</i> Benth. -	399 <i>Agave pusilla</i> L. -	" <i>ornithopus</i> -
723 <i>Desmanthus depressus</i> (Hb.)	2092 <i>Philanthus</i> -	<i>Chilanthum</i> -
885 <i>Pisidia</i> -	2088 <i>Journefortia volubilis</i> L. -	<i>Pteris</i> -
590 <i>Sesbania macrocarpa</i> Nutt. -	2083 <i>Cordia bullata</i> L. -	<i>Alpinia</i> -
1200 <i>Eupatorium maculatum</i> Chap. -	FRIDAY 27	2895 <i>Vernonia</i> -
1366 <i>Chrysopsis scabrella</i> 205 -	2017 <i>Desmanthus</i> -	2884 <i>Melium</i> -
1403 <i>Amorpha canescens</i> L. -	1778 <i>Myrsine</i> -	307 <i>Artemisia</i> -
1412 <i>Borreria arborescens</i> D.C. -	1777 <i>Laguncularia</i> -	1425 <i>Rudbeckia</i> -
1455 <i>Helianthus praecox</i> -	1766 <i>Momordica</i> -	263 <i>Hypericum</i> -
1480 <i>Conocarpus leavenworthii</i> 205 -	1757 <i>Chrysophyllum</i> -	1389 <i>Silphium</i> -
1498 <i>Bidens leucantha</i> Willd. -	1702 <i>Andropogon</i> -	923 <i>Lindera</i> -
1501 <i>Speranthes nuttallii</i> 205 -	1649 <i>Decasol</i> -	843 <i>Aspidistra</i> -
	2266 <i>Echites</i> -	745 <i>Veronica</i> -
	2234 <i>Eugenia</i> -	740 <i>Sporaea</i> -
	2197 <i>Solanum</i> -	2517 <i>Protea</i> -
	1973 <i>Artemisia</i> -	<i>Calceola</i> -
	1969 <i>Cithrocyca</i> -	<i>Euphorbia</i> -



1880 Mch 1. *Crocus a. blenni* 3 ad

MONDAY, MARCH 2, 1874.

Nov 20, 79 Rec'd from Dr A. Barber. Columbia Lancaster Co. Pa.

*Asimina parviflora* fr.  
*Nyssa o. flava* (1) -  
*Waxia cuneifolia* (4) -  
*Cabomba caroliniana* -  
*Portulaca halimifolia* L. 2 -  
*Polygala rugelii* (4) n.sp. -  
*Urtica siegens* L. 2 n.sp. -  
*Lecleria divaricata* Sch. n. -  
*Desmodium molle* -  
*Indigofera minata* (4) -  
*Pyrola lupinella* Mx. (2) -  
*Chapmania flandera* (2) -

*Conoclinium dichotomum* ch. 2  
*Pectis unguiculata* L. 2 n.sp. -  
*Rudbeckia hirta* L. 2 n.sp. -  
*Campanula flandera* Wats. 4 n.sp. -  
*Lobelia xalapensis* - 3 n.sp. -  
*Lobelia pearsoni* Eng. (6) n.sp. -  
*Sagittaria arifolia* J. n. (3) -  
*Schoepfia arborea* Eng. (2) -  
*Physalis Virginica* v. *truncata* (1) -  
*Salvia prinoides* (2) -

*Lennea minor* L. 5  
*Linaria spargia* 2 -  
*Brassica Brinnia grandiflora* 3 n.sp. -  
*Celtis pallida* Torr. 2 n.sp. -  
*Sabal Adansonii* -  
*Thunbergia parviflora* Eng. 3 -  
*Conoclyna Ceylanica* -

*Psidium pyriforme* L. 2  
*Trifol. Carolin.* n.sp. 3  
*Eugenia drelsdorfi* 2 -  
*Dalea domingensis* 3 -  
*Jussiaea mollissima* Vahl L. -  
" *octonervia* 2 n.sp. -

*Hypoxis pedunculata* 2 -  
*Sparganium angustifolium* Lam. 2 -  
*Evolvulus (Sedum) alvius* L. -  
*Aceratis Pezom.* Chap. 3  
*Brassica grandiflora* Eng. (2) -  
*Euphorbia albo-maculata* 2 -  
" *aurantioides* H. B.K. n.sp. -

*Habenaria distans* n. sp. - 2 n.  
*Iliax ca. (Sedum) n. sp.* -  
*Cyperus purpureus* (2) n.sp. -  
" *articulatus* (2) n.sp. -  
*Rhynchospora microcarpa* - 3  
*Agrostis pilosissima* -  
*Polypodium pectinatum* L. 4 -  
*Asplenium dilatatum* L. -  
*Opheodes palmata* (2) -  
*Anelasma apantifolia* Eng. -  
*Pennisetum setosum* (2) -  
*Hydrachne Carolinica* -  
*Leptochloa dubia* (2) -  
*Cenchrus ciliaris* Chap. n.  
*Ischaemum flexuosum* 2 -  
*Amphicarpum flandera* -  
*Aspidium Urtica v. glab.* -  
*Setaria compacta* -  
*Lycopodium ciliatum* -

TUESDAY 3

n = new bond

Rec'd of Dr A. Gattiger. Nashville Tenn. Nov 28, 79

*Arenaria patula* Michx. 4 n

*Smilax lanceolata* n  
*Artemisia annua* de. n  
*Lobelia leptostachya*

*Forestiera lychnis* 2  
" *acuminata*  
*Oxybaphus albidus* n.  
*Quercus lyrata* n

*Thermopsis Carolinica*  
*Delalostium decumbens* Nutt 3 n.  
*Ludwigia linearis*  
*Amorpha occidentalis* 4 n  
*Dupluma rotundif.* L. 5 (n)

*Ruellia strepera* (2) n  
*Calamagrostis glabella* 2 n  
*Solanum verticillatum* 2  
*Strada* n. *rimenoma*

*Juncus pilocarpus* 3 n  
" *luteocaulis* Gray 2 n  
*Cyperus spicatus* 2 n  
*Eleocharis acicularis* n. *macrocarpa*  
*Eranthis stricta* 2 n  
*Panicum Colonum* 2 n  
*Paspalum undulatum* 2 n  
" *Waltonianum* 2 n

WEDNESDAY 4

Dec 23. 1879 I sent to Dr Gattiger 61 species

*Delphinium exaltatum*  
*Nashvillia serotina*  
*Lepidium draba*  
*Sambucus racemosa*  
*Sedum telephium*  
*Sium foliosum*  
*Epilobium hirsutum*  
*Lygosticum sedum*  
*Aster nemoralis*  
" *hortii*  
*Centauria calceolifera*  
*Lampyris communis*  
*Bidens Beckii*  
*Leptochloa angustifolia*  
*Polypodium angustifolium*  
*Hottelima inflata*

*Linaria elatine*  
*Thymus borealis*  
" *occidentalis*  
*Polygonum Cargi*  
*Rumex maritimus*  
*Mimulus ciliatus*  
*Trifolium palustre*  
" *montanum*  
*Schizanthus pedicellatus*  
*Edmondia pennsylvanica*  
" *virginica*  
*Sisteria australis*  
*Coralorhiza multiflora*  
*Alonostema bulbata*  
*Corydalis*  
" *depressa*  
" *debilis*  
" *puberula*  
" *salina*  
*Corydalis ochroleuca*

*Sporobolus capensis*  
*Calamagrostis stricta*  
*Bouteloua oligostachya*  
" *triquetris*  
*Elycia distans*  
*Briza media*  
*Equisetum pratense*  
*Pellaea gracilis*  
*Urtica dioica* arg.  
*Phlox pilosa* polyp.  
" *brevis*  
*Aspidium prostratum*  
" *foliolosum*  
*Polypodium pectinatum*  
*Scheuchzeria palustris*  
*Ischaemum laciniatum*  
" *8 obtusum*



THURSDAY, MARCH 5, 1874.

Jan'y 180 Rec<sup>d</sup> of G. W. Lettman, Allenton Sh. Linn. Co. Mo. 39 spec.

Jan'y 180 I sent Lettman 54 spec., - 44 being *Poa densa* etc.

Dr. Lettman provided

*Calceolifera*  
*Dentaria multifida*  
*Sida Elliottii*  
*Stuartia pentagyna*  
*Astragalus platensis*  
*Hemlockia pubescens*  
*Nysa aquatica*  
*Thaspium pinnatifidum*  
*Aster asperulus*  
*Hesperis angustifolia*  
*Gratiola floridana*  
*Phacelia pumila*  
*Podostemon abrotanoides*  
*Dracopis macracarpa*  
*Pathysandra pumila*  
*Planera aquatica*  
*Aletris aphylla*

FRIDAY 6

SATURDAY 7



MONDAY, MARCH 9, 1874.

TUESDAY 10

WEDNESDAY 11



THURSDAY, MARCH 12, 1874.

FRIDAY 13

3\*

SATURDAY 14



MONDAY, MARCH 16, 1874.

1878-Mch 16. Crocus & Snowdrops <sup>in bloom in garden</sup> just out - season early.

TUESDAY 17

WEDNESDAY 18



THURSDAY, MARCH 19, 1874.

FRIDAY 20

SATURDAY 21



MONDAY, MARCH 23, 1874.

TUESDAY 24

WEDNESDAY 25, 1877

P.M. Central Park - 110<sup>th</sup> St + 8<sup>th</sup> Av. rocks - *Draba verna* in seed.



THURSDAY, MARCH 26, 1874.

FRIDAY 27

SATURDAY 28



MONDAY, MARCH 30, 1874.

TUESDAY 31

WEDNESDAY, APRIL 1



THURSDAY, APRIL 2, 1874.

FRIDAY 3

SATURDAY 4



MONDAY, APRIL 6, 1874.

Sunday TUESDAY 7, 1876

3 1/2 P.M. To Woodside S. of R.R. Dept. - Nothing found except *Acer rubrum* & *dryas* common.

1876

Winter of 1875-6 remarkably open & mild - no snow till Feb. then only 3-4 inches. Some warm days in Jan. - Spring, especially March, raw & cold, & vegetation starts slowly. The mild winter results in rather a backward spring -

Saturday WEDNESDAY 8, 1876

P.M. N. Hoboken via river road to Weehawken Ferry. On rocky, woody hillsides found *Saxifraga Virginica*; *Veronica hederifolia*; *Dicentra cucullaria*; *Stellaria media*; *Dentaria laciniata* <sup>in bud</sup>; *Claytonia Virginica*, all abundant, & in full bloom except *Dentaria* which showed only its partly opened pink buds: and all except *Dentaria* appeared to have been in full bloom for a week at least.

1879 Ap. 8 - To Prince's Bay for *Erygia* - none in bloom nor anything else. Season a month behind 1878 - & a week or 10 days later than usual.



THURSDAY, APRIL 9, 1874.

1878 - Ap. 9. Hyacinths & Tulips in bloom in yard

FRIDAY 10

1874

Thurs SATURDAY 12. 1877

1 To Huron - land S of dep. & north round the point to Spuyten Dey.  
Draba verna Lyacis near School h. - Sax. Virg. - Draba Cav. as I thought.  
Lunus m. M. S. S. m. b. m. Thalictrum Dieentra cuc. Hep. tril.



Sat  
MONDAY, APRIL 13, 1878

9. St. Island & Prince's Bay - Butterfly Ridge (9) ...  
*Eperua rep.* *Erythron. Arn.* *Clayton. Vag.* *Umelanch. Cam.* ...  
*Hep. Glehn.* *Viola Cuc.* *Hep. triloba.* *Anem. Num.* & *thalec.* ...  
Peach trees in bloom

TUESDAY 14

Saturday WEDNESDAY 15, 1876

P.M. 42 St. Mary's Bloechantian as on 8<sup>th</sup> - & thence S. 1/4 m. by river - Same as on  
8<sup>th</sup> in blossom - *Decurtia cuc.* in profusion, & rank  
Also *Viola cucullata*, & *Equisetum arvense* :

Sunday THURSDAY, APRIL 16, 1876

To Central Park 'Clark.

*Acer rubrum* + *dasycarpum* etc

FRIDAY 17

SATURDAY 18

1878 Apr 18. Season Early - Pear trees in yards fully in bloom



Sat  
MONDAY, APRIL 20, 1878

9.20 to Weehawken N. past Gottenburg Hill road, & up <sup>the</sup> riv. to swamp.  
Lithosp. aw. - Geran. Robt. (just out) Dicent. cuc. - Anem. thalic. -  
Veronic. perig. Sax. Virg. Dent. lac. Clay. Virg. -  
In swamp - Anem. nem. & thalic. Viola Canad. & blanda & cuc. Anem. trif.  
Carex platyph. Thalic. divic.

1880. ap. 20 Peach tree in yard in full bloom

Saturday TUESDAY 21, 1877

1. P.M. To Inwood - woods S. of R.R. Dep. - thence North - Dicentra cuc. Anem. thalic.  
Lindera Bergoin. Hep. tril. Stel. med. Symp. foetidus. Draba verna matrona.  
~~Scrophularia~~ <sup>Scrophularia</sup> ~~Draba~~ <sup>Draba</sup> ~~thalic.~~ <sup>thalic.</sup> Capsella b-p.
3. To 6<sup>th</sup> Av. Harlem river - Nothing there except Capsella in flower.

Saturday WEDNESDAY 22. 1876

1. To Longbridge - 70 rods S. of depot, where brook crosses the highway, in space of  
one rod square found Dentaria laciniata; Claytonia Virg. Thalictrum anem.  
Hepatica triloba; Erythronium Amer; Viola cucullata; <sup>Dicentra cucullata</sup> Sanguinaria Cana.  
Across the road on the hill side; also <sup>Taraxacum Dentaria</sup> ~~Asarum Canadense~~ <sup>Antennaria plantaginifolia</sup> ~~Asarum~~ <sup>Symplocarpus foetidus</sup> ~~Asarum~~ <sup>Anemone</sup> ~~Asarum~~ <sup>Asarum</sup>
3. Larchmont; west of depot 1/4 mile by brook, 2 crosses & Thalictrum divic. &  
most of the above, less advanced & less prolific. Chrysosplenium Amer. - <sup>Lindera</sup> Bergoin  
odoriferum. Acer rubrum - Callitriche palustris, marsh cross

Sunday THURSDAY, APRIL 23, 1876

4 P.M. Central Park - *Capsella Bursa-pastoris* near 100<sup>th</sup> St. Entrance - Also in uncleared  
- Woody thicket N. of 100<sup>th</sup> St. transverse road & West of Reservoir, found *Anemone nemorosa* in  
abundance with *Erythronium Amer.* - On top of hill at 105<sup>th</sup> St. & 8<sup>th</sup> av. - *Saxifraga Virg.*  
*Draba verna* in seed & flower. & a few spec. of *Potentilla Canadensis*, & *Taxodium densum*.  
*Populus balsamifera* s. l. cor. of Park.  
1880 Ap. 23, Pear tree in yard in full bloom - & daisy tree just out.

Wednesday FRIDAY 24 / 78

City of Appeals - Mad. ave. Ch. 3 P.M. Hudson R.R. (E) Woods  
*Trillium erectum*; *Urtica grandifl.* *Asplenium Can.* *Sargassum Can.* *Ranunc. fasc.* *Mistle diph.*

4 SATURDAY 25 / 80

Hunt Park 'Red Kim' - Clayton Virg. - *Viola rotund. blanda*, *Cerc. pubesc.* *Erythronium Virg.* *Aquilegia Can.* (near by art) *Saxif. Virg.* *Ranunc. rep.* & *salort.* *Caltha palustris* -  
Ap 26/80 Prospect Park Hudson - *Ribes aureum* - *Berberis aquifolium* - *Pedicularis Can.*  
*Cerastium nutans* - & *Santalum Can.* in woods.



MONDAY, APRIL 27, 1874.

TUESDAY, 28 1879

TUESDAY 28 1879  
3 PM To Prince's Garden. *Ranunculus ficaria*, *Cornus mas*, *Calceolipalustris*. Vence minor - Acer pseudo-plat.

Saturday ~~WEDNESDAY~~ 29. 1876

1. P.M. Ponce's Bay St. J. - Rudkin - fr *Epigaea repens* - near end of creek S.E. of Dept 1 m. at widest part where are 2 springbays - on U.S. of creek on slope facing SW. - *Epigaea* abundant. - On creek 1/2 m. North, found most luxuriant *Hepaticas*, *Anemone nem.* & *Erythronium Am.*  
*Amelanchier Canad.* & *oblongifolia* - *Medicago lup.* - *Nepeta glabra*  
*Lamium amplexicaule* - *Viola cuc.* *Ranunc.* abort. *Viola prunifolia*

THURSDAY, APRIL 30, 1874.

FRIDAY, MAY 1

SATURDAY 3.1879

3 PM. Hunt's Point Woods - *Viola rotundifolia*, *Canina*, *Cuc. + blanda*,  
*Anemone nem.*, *Thalictrum anem.*, *Saxif. Virg.*, *Aralia quinquefolia*,  
*Arisaema trif.*, *Utricularia sess.*, *Claytonia Virg.*, *Callitriche pal.*, *Hepatic. tril.*,  
*Erythronium* <sup>an.</sup>  
A week late for *Viola rot.* + *Erythronium*.



Thursday MONDAY, MAY 4, 1876

Weekauken - S of Ferry, hill sides - Rye, Impatiens, Rudkin, Fragaria, Dr. S. &  
Arisaema, Trifol; Dentaria Lac. (perfect) Barbarea Vulg: Viola pubescens  
+ Cornus florida; Thalictrum dioicum - Geranium maculatum; Aralis Grata  
Sithespermium aureum (R.R. track)

Friday May 4, 1877

P.M. Morgan (Long Branch R.R.) Rudkin - Epigea repens scattered around Cove N of R.R. dock  
but late - in prime 10 days ago - Viola picta, blanda, cuc. Ranunc. occ. - Azalea  
nudif. nearly out - 400 Myrica cerif. - Luzula campestris - Draba verna -

TUESDAY 5

Saturday ~~WEDNESDAY~~ 6, 1876

Panama - via Canal to Newark Bay & - Rudkin &  
Aquilegia Can: Urtica serrilifolia; Aralia trifolia (under beech trees)  
Viola blanda. Fragaria vesca. Ranunculus repens, & obtusifolius.  
Aralis Grata in abundance in pasture by St. Bay: Anemone Can.  
Sagittaria frondosa. Betula lenta (Black Birch) Luzula campestris

Sunday May 6, 1877

1.30 Do Morris dock - thence 4/8 m. North to brook th. East across 2 roads & cut. ag. to Farm  
Equisetum av. <sup>Viola cuc. + blanda</sup> Fragaria vesca, Dentaria diphylla very abundant along St. brook. Arisaema  
ma trif. Cardamine rhomboides (by brook). Cherry + Pear trees in full bloom St. arm  
Can. (by Wall) Erythronium Am. (fruit) Sansevieria off. Betula. S. S. S. Thalictrum  
Gnaphalium on Aqueduct - Plantago lanc. (slope East) Viola cuc. + Claytonia Virg. very abundant  
in wet field W. of Central Ave. Salix <sup>Silene</sup> Berzoni, <sup>Cornus florida</sup> out - in brook  
of the marsh. Forsythia viridis + Lyonia Jap. in full bloom in Foxcroft village.

Sunday THURSDAY, MAY 7, 1876

Scarsdale - West of Stream - Asarum Can: abundant; Sanguinaria, past bloom;  
Pedicularis Canadensis; Caltha palustris; Ranunc. repens. Anemone nemorosa &  
Thalictrum flavum; Amelanchier Can: <sup>Dentaria</sup> ~~Cardamine~~ diphylla (small, pale)

FRIDAY 8

4\*

SATURDAY 9



Thursday, MONDAY, MAY 11, 1876

Garden. Dill & basil begin blossom. - Peach blossom gone

May 12/80 Prunes Garden 4 Pk. - Schreute - Quercus imbricaria, Q. robur (petioles)  
Cytisus scoparius - Asimina triloba, Cercis Can., Celtis occ(?) Cerasus - ?  
Viburnum Santalum, Asclepias Paria ac. flava, Asimina triloba, Ribes nigrum  
Caragana albescens, Lyrigia perica (red) Lonicera Tatarica - Acer pseudo-Platanus  
Cercis Can. Halesia tetrap. Prunus Virg. & Padus, Quercus leucobranca (Cens. v. cinerea)

TUESDAY 12 / 77

New York St. Is. Britton, Ruger, Rud. de - To Todt Hill & north to Vand's Landing.  
Clematis ochroleuca - Veron. americana - Cerastium oblong. Hesperis matronalis. Arabis lyrata  
Viola ped. blanda, primulaef. Lepid. camp. Vinca minor Lysan. nummularia  
Euphorbia cyparissia - Anem. nemorosa - Pogonia vertic. (gone) Ligustrum styr.  
Hebe americana (or. 2 if not in bud) Chelidonium majus Sanafra off.

May 12/79 - Poughkeepsie - Erodium cicutarium  
" " Tarrytown - Viola blanda, Sax. Virg. alba Can.  
" " " Rail road, Arabis laevigata, Aquilegia Can.

Saturday WEDNESDAY 13, 1876

Omaha Bay - The following reported by Mr. Rudkin - Being sick I did not go.  
Aster Canad. Viola primula. Scleranthus An. Ranunc. bulb.  
Sanafra off. Vaccin. vacil. Monarda perfol. Thaspium Can.  
Quercus rub. & alba. Cardamine rhomb. Erigeron bellid.  
Plantago lanc. Infolium Psa. Composita asplenifolia

Friday THURSDAY, MAY 14, 1876

Coney Island - Reported by Mr. Rustin  
*Viola pedata*. *Rumex acetosella*.

Friday 15/79

Highlands - opp. Poughkeepsie - *Juncus com.* *Pinus strobus*. *Aquileg. Can.*  
*Viola cuc. blanda*, *sagittata*, *rostrata*; *Orchis spect.* - *Argem. Can.* *Sarr. Can.* (fl.)  
*Diantha cuc.* *Tusilago farfara*.

SATURDAY 16/79

4 P.M. Commence July - *Lepidium draba* (early) *Thlaspi ar.* *Arabis thalictroides* - *Erys.*  
*repandens* - *Lamium anglicum* - *Nast. arvensis* (perpetua).



Thursday MONDAY, MAY 18, 1876

Woodside Rd. & N. bastonia Reported by Mr Rudkin  
Osmunda Clayt. Smilacina bifol. Trillium cernuum.  
Osmorhiza brev. Polygonatum Malt. Smilacina racem.  
Viola lanceol. Cardamine hirsuta

TUESDAY 19/77

Claster + E. + b Demarest - Rud. Rug. Wilbur & Schuck  
Trollius laxus (late) Senecio an. Erig. bell. Oxalis viol. Sarac. purp. Lonicera  
Azalia nud. Ribes flor. etc

10<sup>th</sup>. Inwood Point via Sp. Dec. May 20/77  
Dentaria dypsh. (fruit) Thal. divi. (fr.) Fedia pop. Lonicera pur.  
Saxifraga Thal. (fr.) Cardam. hirs. v. Gynoplerium off. Cydonia vulg.

Saturday WEDNESDAY 20

Mountain heights N.Y. Reported by Mr Rudkin  
Azalia nudifl. (in profusion) Aralia medicinal. (ditto)  
Hypoxis Erecta. Ranunc. recurvatus. Osmorhiza longist.  
Osmunda regalis (not fully out) Dr. Claytonia  
Prunus serotina.



THURSDAY, MAY 21, 1874.

~~Mon~~ FRIDAY 22. 1876

Called on Prof Leroy: he gave me specimens, brought from St. Is.

1. Viola pedata, of pinkish color; + Castilleja coccinea, of yellow color.

May 22/76 - Communion Ferry - Hesperis matronalis, Sparganium angustifolium, Ranunculus bulbosus,  
Anthriscus? Allyrium calycinum, Centaurium nigricans (bud), Geranium molle,  
Erodium cicutarium, Fumaria off., Campanula (fl.), Thalictrum (fl. & fr.)

May 23/76  
3 P.M. To Spzler Dug. - Viola ped., Silene Penn. (fr. day) Vaccinium, Stem. Coryd. 96.  
Infleum cirina, Barb. vulg., Cardam. hirsuta

Tues SATURDAY 23 1876

Having been confined to house, with severe cold since 11<sup>th</sup> inst., I have failed in the needed excursion to keep the run of the blossoming. Wm. Bridge, I visited this P.M. - Prof Leroy; found in blossom Galium aparine; Chelidonium majus; Cardamine rhomboides; Ranunculus bulbosus; Viburnum lentago; Arenaria serpyllif.? Scilla maritima; Cornus florida in perfection, do, Geranium macul. Anthoxanthum odoratum Luzula caespiticia Veronica; Osmorhiza brevistylis; Sanicula canadensis; Staphylea trifolia; Aphyllan uniflorum



Wednesday MONDAY, MAY 26, 1876

10 1/2 - 12 1/2 Inwood - Viola pedata in profusion - with abundant Selene Penn., Allagutia  
 Crataegus <sup>Coryacantha</sup> ~~coarctata~~; Viburnum Lentago. Pyrus arbutifolia v. Erythraea.  
 Nasturtium amurica. Lepidium campestris (rare) Arabis laevigata.  
 Cynoglossum officinale; Corydalis glauca; Lonicera pauciflora.  
 Myosotis verna; Geranium Robertiana & Hepeta blec. in profusion.  
 Hypoxis erecta - Cornus Florida in perfection; Ranunc. bulbosus.  
 Leucantheum vulgare. Krigia Virginica, Gazlunaria res.; Vac. vac.

May 24/79 - Upper Mantelaw - on mountain. Abolaria Virg. Arabis nudif. Smil.  
 acina vac. Osmorhiza brevis - <sup>Cypripedium pubesc.</sup> Scilla. May 24 - Franklin (n. Blomfield) 79  
 Polygala paucif. (fl. 10 days late) Godolph. pelt. (10 days late) Cham. lutea

TUESDAY 26/77

Deerpark & Babylon Schenck. Schud. Quercus pr. v. prin & illicifolia  
 Androsaph. u. Virg. (bloom) Cypriped. acaule. Vac. Penn. Corymb. Pinnis rig.  
 Ornithog. umb. Scilla Frax. Trient. Am. Smil. bif. Py. arb. Urtic. Senec.

SaturWEDNESDAY 27, 1876

Laural Grove - 1 P. P. Ruge, Redkin Prof Schenck. &  
 Cypripedium acaule; Trientalis Amer; Melampyrum Am. Vacc. vac. & corymb.  
 Myrica Cerifera. Osmunda cinnamomina; Quercus prinoides, Sig. richum. Ber.  
 Comandra umbellata. Compt. asp. Azalia nudiflora Rubus - - -

May 27/79 Prince's Garden - Halimolobos (fl.) Chiranthus Virg - Cornus mas (1/2 ft)  
 Lonicera Tartar? or paucif. Spiraea - ? Cydonia Jap (fl & fr.) Iris Soed. ac? Ranunc. ficif.  
 Stenactis Melandrium. Cladystis tunc (bud) Monarda nigra & rub. - Azalia nud. - var. schlegelii



THURSDAY, MAY 28, 1874.

FRIDAY 29/77

6<sup>th</sup> Ave. & Har. Rv. *Arabis perf.* (Plantago Virg. *Silene antirrhina* 7<sup>th</sup> Ave)

Tues SATURDAY 30. / 1876

Alpine (from Yankers by wherry) to Demarest to Creek Kill - 75°  
*Labrum vulgare*; *Semio aurea*; *Rhus typhina*, *Carya tomentosa*; *Veratrum*  
*viride*; *Saxifraga Penn.* *Myosotis pal.* *Nuphar advena* *Erigeron bellus*  
*Ribes floridum* *Utricularia vulg.* *Saracenia purp.* *Vaccin. stem.*

Keyport N.J. - May 30/77  
*Rhus typhina* *Callitriche verna* - *Helian. Can.* *Crataegus parv.*  
*Crat. coccinea* - *Prunus marit.* - *Viola prim.* *Androm.* *Mar. Lonicera rac.*  
*Euph. Sph.* *Broussonetia papyracea*. *Lithosp. arvensis*. *Lychnis Gith.*  
*Arestema bulbosa* (n. Holmdeh)

May 30/78 - Rochelle Park - Rudkin - *Andromeda* *Arvensis*.

" 30/79 - Glen in West Farm East of Castletown School, Fordingham - Lippman (bud) - *Hydrangea* (bud)



Thursday Friday MONDAY, JUNE 12, 1876 Saturday 21

4 P.M. To Phil. Spontum - Stepped at 7 1/2 at Manchester N.Y. till 8 1/2  
A.M. Saturday ... *Arctostaphylos* *bulbosa*; *Gerophyllum* *asphodel.*  
*Leucothoe* *racemosa*. *Andromeda* *marina*. a. 2000, Riv. R.  
*Orontium* *aquaticum*. - *Magnolia* *glauca*; *Azalea* *viscosa*; *Cassandra* *calyculata*  
*Leopodium* *luxifolium*.

TUESDAY 2/77  
Sufferus N.Y. - Wilbur, R.R. *Thaspium* *aur.* *Sene.* *au.* *Oenoth.* *paucifl.*  
Vern. off. *Cynethus* *Virg.* *Hesperis* *Arm.* *Mitella* *diphylla* *Viol.* *Can.*  
Coryd. gl. *Kalmia* *lat.* *Gratiola* *Virg.* *Cheilanthes* *or* *Woodie* -  
*Euphorbia* *frag.* *v. dentata*

WEDNESDAY 3

THURSDAY, JUNE 4, 1874.

FRIDAY 5

SATURDAY 6



Thurs MONDAY, JUNE 8, 1876

12. New Lots, Union & Woodhaven L.I. - Ruger & Rudkin  
*Cnicum horridulum*; *Iris gracilis*. *Arctostaphylos* on rocks.  
*Andromeda Marina*; *Euphorb. cph.* *Lupinus perennis* in  
pasture S.E. of Woodhaven Church. *Viburnum pumifolium*  
*Calystegia spithamea*

TUESDAY 9

Saturday WEDNESDAY 10 . 1876

1. 20 To Weehauken - Ruger, Rudkin, Dr Schrenck, Hyatt & G. H. Hobbs  
*Hydrophyllum Virg.* - *Mistecum perfol.* - *Hesperis mat.* - *Liriodend.*  
*Senebiera didyma* in road on line of N. Hoboken & Weehauken.  
No flower of *Echinopsium*, but shoots only. & *Guaphalium* off.  
*Myrica multiflora* - *Matiola Virg.* *Celtis occidentalis*

Wednesday THURSDAY, JUNE 14 1876

Woodlawn - Cemetery & Cemetery - alone - 2 hours -  
*Lysimachia quadr.* *Asclepias quadr.* *Thalictrum Cornuti.* *Cimicifuga rac.* (abundant) *Oxalis violacea*, near Cedar Crest, S.

FRIDAY 12

SATURDAY 13



MONDAY, JUNE 15, 1874.

TUESDAY 16

WEDNESDAY 17 21/76

Inwood - Rudkin - (5-7 P.M.) *Kalmia latifolia* - *Corydalis flavescens*  
*Chimaphila umb.* - *Rosa Rubiginosa* & *blanda*. *Rhus typhina*  
*Lilium Europeum* (in road) *Opuntia vulg.* *Rubus odorata*.

THURSDAY, JUNE 18, 1874.

FRIDAY 19

5

SATURDAY 20



MONDAY, JUNE 22, 1874.

TUESDAY 23

Saturday WEDNESDAY 24, 1874

2 ~~Keypart~~ Matawan N. J. met R. W. Brown. *Rosa*, *Rubus*, *Schmuck*  
*Ceanothus* Am. *Crataegus parviflora*. *Scutellaria pectorata*, & *integrifolia*  
*Asclepias obtusifolia*. *Aletris farinosa*. *Opuntia* Vulg. *Prunus maritima*  
*Asclepias tuberosa*. *Lycium hirtum*. *Calapogon pulch.* *Pogonia ophi.*  
*Vaccinium oxycoccus*. *Syzygium palmatum*. (*Polygala polyg.*)  
*Orchis spectabilis*. *Lilium Philad.* *Aristolochia* ~~serp.~~ *Botrych.* *Vib.*

THURSDAY, JUNE 25, 1874.

FRIDAY 26

SATURDAY 27



Thurs MONDAY, JUNE 29, 1876

Woodside - R.R. (E) M. Prunus Penn.? Apocynum Androsaemum; Cirsium  
Rosa lucida - Cornus pericea. Erigeron An. & Strig. Verbascum - Penn.  
In Garden. Liliun Can. 10<sup>6</sup> in fl. - 1 head of 12 flowers -

TUESDAY 30

Satur WEDNESDAY, JULY 1, 1876

Glencove - met Mr Coles, surveyor; Cirsium pumilus; Potamogeton  
Sericocarpus corymbosus. Trillium cernuum (fruit) Vicia cracca  
2 anthragium Amer. Sympytm off. Adiantum cernuum.  
(Polypoda paucifolia, Conyoliz aurea, Trillium Erectum, Tri-  
ostema argentifolium from Mr Coles spring collection)  
Morus alba; Martynia prostrata; Dioscorea villosa  
(Cannabis Sativa, Jamaica R.R.) Cannabis Sat. Symphoricarpos fl.

THURSDAY, JULY 2, 1874.

FRIDAY 3

5\*

SATURDAY 4



MONDAY, JULY 6, 1874.

TUESDAY 7

92° Saturday WEDNESDAY 8. 1874  
Stal. Is. Rye. Schuch. Reed in - Chorlton, Musery - the same Rye one may  
of Sedum, Sempervivum, Filices &c - thence S.E. to <sup>Silver Lake & Britton</sup> Pond, followed stream S.W.  
Broselia peltata, Pottedrus Cand.

THURSDAY, JULY 9, 1874.

FRIDAY 10

SATURDAY 11



MONDAY, JULY 13, 1876

90°

3 P.M. To Maspetta + by R.R. to Calvary, Conn. - Campan. app., Crataegus<sup>2nd</sup>  
Prince's Garden Vineyard N.Y. Actinosa Cernia pinn. - Lychnis pal. - little else  
of value.

TUESDAY 14

93°

Saturday WEDNESDAY 15, 1876

8.30 Greenwald Lake N.Y. Rizer, Redkin & Schumacher - ~~Howell's~~ in R.R.  
Saururus cernua; Taxus baccata in fruit (red); Rhodod. max. fr.  
Anacharis Can.; Isoetes lacustris; Ludwigia pal. Nymphaellum  
Polygonum amplidrum - Spathularia gracilis Habenaria psycodes.

THURSDAY, JULY 16, 1874.

FRIDAY 17

950  
4 PM To Wm Bridge - N. West in words by R.R. . Sammis Cemetery &c



MONDAY, JULY 20, 1874.

TUESDAY 21

WEDNESDAY 22

Sat. THURSDAY, JULY <sup>22</sup>~~23~~, 187<sup>5</sup>

Rudkin, Dr Schoder, Wall.

P.M. Staten Island, - intended but Ruger not present & Rudkin took us off at  
Zanbani's - thence West Woods - *Chenopodium mac*: *Pyrola rot.* - *Arctostaphylos* (?)  
*Labelia spic.* & *Kalmii*; - thence to 4 Corners Brewery 1 1/2 m. *Circea* fl. - thence  
by 4 Corners to Vanderbilt's Landing 4 m. - In swamp on left (N) *Melanthium*  
*virg.* - *Allium tri-coc.*; *Nasturtium* off. - On hill much *Baptisia tinctoria*.

Saturday July 22, 1876

8.30 ~~Greenwood Lake~~ <sup>Centerville, N.J.</sup> N.J. - Ruger, Rud. & Schrank. - via Fresh Pond & Westbury to <sup>Franklin</sup>  
In Swamp - *Habenaria ciliaris* & *tridentata* (?) *Oreocera oblong.* & *retund.*  
*Lilium Superbum* in fl. - *Alnus Aqueduct.* - *Verbena angustifolia*, *Tri-*  
*cuspis purpurea*; *Marrubium*; *Zyphium* *varius* 13 in. long. - *Alytris farin.*  
*Archangelica hirsuta* - *Aceratis virens* - *Euphorbia cyparissias*. *Polyg. cuc.*

FRIDAY 24

SATURDAY 25



MONDAY, JULY 27, 1874.

TUESDAY 28

Sat. WEDNESDAY 29. 1876

N. Durham - Fairview. & Clats - Tennally. -- Fraxula Can. Hipp. Corymb.  
Phragmites Can. - Zizania aquat. - Hibiscus Mos. Diodaetens - Aralia rac.  
Cerastophyllum Sonchus hel. Habenaria procumbens Cilean in grt  
Abundance 1/2 mile N. of Tennally W. of R.R. - open field - Cynopeltis Normai.

THURSDAY, JULY 30, 1874.

Saturday FRIDAY 31, 1875

Ruger, Rusten & Shoen

8m. E. Wausburg n. Middle Village - leave h. cars at City limits - Salt marsh, get  
Scirpus, pung. & mar. - Vitia sat. - thence N. by R.R. Abutilon av. in flower - thence  
across fields to the fish-breeding grounds - Campanula sp. - Sonchus - &c  
Return W.S. East - Liliun Sup. in flower - By Manure factory much Galinsoga parvif.  
Ampelopsis quin. in fl. & fr.

1877 - 31  $\frac{01}{11}$

6 W. + 142 F. - Salactia mollis (flower) in fields

Wed. SATURDAY, AUGUST 2/76

On business at Wausburg - (Hay / 4 H. - claim) I have went 1 m. South to  
gravelly hill excavation - Palmaria praevalens - Solidag. aguta?  
Fishkill P.M. Lythrum Sal. (abundant on Rd.) Vincetox. nig. var.  
Stachys pal. Scum lin. Muehlenb. var. & pep. - Atrip. can. & pulch.  
Echinum vulgare (fr.) - Taraxacum Helianth. Ma. Helianth. des.  
Lysium vulg. by R.R.



MONDAY, AUGUST 3, 1874.

Fri. TUESDAY 4/676

2.40 P.M. For Manchester - Rizer, Mudgett - got on train wh. left us by old  
Putnamby route via. Freehold - 2 h. at Freehold - Euphorbia corollata - Put up  
at 5 1/2 AM. Sat. went on to Manchester by freight - got off 1 1/2  
miles E. of Manchester - Zephraea Virg. - Luncus all. Eupatorium hyssop. + alba.  
Chitara Manana - Argyrum Crisp. <sup>stans</sup> Aus. Habenaria bleph. - Lachnanthes  
tinctoria - Polyp. brevifolia - Sabbatia lano - Lechea racem. - Rh. to Whiting.  
Aster Spectab. ? Solidago Odora (only)

WEDNESDAY 5

THURSDAY, AUGUST 5<sup>th</sup>, 1875

1.20 P.M. To Weehawken - Ruger, Dr. Schmidt, & Hudkin - thence S. by R.R. to rocky, woody slope by road - (*Physalis* visc. - *Pyenar. inca* - *Desmod. acum.* - *Phryma* - *Helianthus decapetalus* & *dissectus* &c; Thence S. by road to N. Hoboken Marsh - much *Pluchea campestris* - 2<sup>nd</sup> - rain - *Arabis*

FRIDAY 7

Sunday Aug. SATURDAY 8 . 1875

4 P.M. To Woodside, L.I. - *Lilium* sup. (frase) 3 Rts brot. home & set out - *Pyenar. Lanc.* - *Spiraea tomentosa* & *salicifolia* just out in flower - *Polygala sanguinea* - *Lobelia cardinalis*, 5°, spike 10' (S. of hillock  $\frac{1}{4}$  m. W. of depot on R.R.) Much *Silene stellata* on the hillock, & *Impatiens* 5° - *Clethra* alm. beg. to flower -



Wed MONDAY, AUGUST 10, 1876

Larchmont with wife - Arumma Virg. Chenop. Hybridum Galium circaez,  
Pardanthus chin. Galium triflorum - Chamaepile Mac.

TUESDAY 11

Sat. WEDNESDAY 12, 1876

Weehauken - to Homestead Ht. Ht. - Eclipta Eric. V. pro. - Chen. glaucum  
& auburnum - Helianthus div. & dec<sup>slut</sup> - Polygonum Can. - Polyg. formosum

Saturday Aug, FRIDAY 14, 1875

River, Hudson & Schohar

1. P. M. To Middle Village & S. side RR. thence by RR. track to Glendale & Richmond Hill

Colinsouia Can: Epilobium palustre; ~~Mea~~ Mea vertical; Eriophorum Vir.  
Comptonia Asplenifl: Hypericum Sarrothra; Crotolaria sagittalis;  
Woodwardia Virgin; Conicifera rac: Desmodium nudif; Ceanothus Amer;  
Veronica Virgin; Archangelica Vir; ~~Pardanthus~~ <sup>very abundant</sup> Chin; Stachis Rys: (very abn.)  
Elodea Virg. very abundant.



MONDAY, AUGUST 17, 1874.

TUESDAY 18

Sat. WEDNESDAY 19, 1876

Jamaica Woodhaven + Centerville - Canaan Sat (fruit) Cyprian Mar.  
Salida Mem. - Geradia ped. Lameira Comp. - Deplep. Unit. Desmed. Mt.  
Verbena Argentifolia

THURSDAY, AUGUST <sup>19</sup>~~20~~, 1875.

P.M. N. Durham on N. R.R. - 'Ruger + Rudkin + Dr. Shoer - *Dolichos Lablab* (cult)  
*Corydalis incisa*, *Epilobium coloratum* *Fimbristylis capillaris* -  
*Eizania aquatica*; *Bidens frond. divida* *teres* - *Peltandra Virginica*  
*Hibiscus moschutos*; *Scutellaria latiflora* - *Scirpus eriophorum* &c

FRIDAY 21

SATURDAY 22, 1875

P.M. Mantoloking N.J. (Heights) 'Ruger, Rudkin, Dr. Shoer  
*Osmunda Claytorii* - *Agrimonia parviflora*, *Leckera thyrsifolia*,  
*Galium pilosum* - *Thaspedium aureum*; *Viburnum acerifolium*  
*Aster macrophyllus* - *Desmodium canadense* - *Aralium racemosum*  
*Eystopteris fragilis*; *Asplenium trichomanes* & *eburneum*. *Acalophegna*  
*Polygonum tenue*. *Asclepias vertic.* *Corzalis glauca*  
*Botrychium* *Chimaphila umbellata* *Phlox sabulata*  
*Gerardia flava*, *Sabbatia angulata* *Helianthus autumnale*  
*Actinomeris* *Cassia Marylandica*.



Wed MONDAY, AUGUST 24, 1876

Wardham - Clematis Virg. (pine fruit) Lobelia Card. <sup>sypp.</sup>; Scutell. lat. &c

Thurs TUESDAY 25. 1876

Dulchus Copine. Rd. - Heliospis Lavin (Red bridge) Lythrum Sal. - Hel. aut.  
25<sup>th</sup> Castleton <sup>to</sup> Am. Polonium gar. Sauria Vivian Heliospis Lavin  
Dry Iron Works - Inula (on Bank 1 m. S.) + Junilego  
S. Albany - Echinocystis lobata - Vitis - &c

Fri WEDNESDAY 26 / 76

Woodside to Astoria Woods - Collinsonia Virg. Rumex obtus. - Galathea  
Pedic. lance. Hieracium scab. sparsa. Discolepis caps (fruit)

FRIDAY 28

SATURDAY 28, 1875

6\*

1. P. M. Springfield, L. I. (South S. R.) Ripen, Rudkin, D. S. Wright, Wood &  
*Tricopum purpurea*, *Cassia Chamocrista*, *Crotolaria* Lasi.  
*Helianthemum Canadense* *Cypripedium diandrum*, *Polyg. Perm.*  
*Woodwardia angustifolia* *Leercia virg.* *Hypericum sarothra*  
*Solidago lin.* *Chrysopsis Mariana*. *Eragrostis pectinacea*  
" *puberula* *Gerardia purpurea* *Mentha aqu.* *Muscini Scand.*  
*Rhexia Virginica*. *Eupatorium tuncifolium*. *Eratiola aurea*  
*Lobelia Cardinalis* *Boemera cylindrica* *Phragmites communis*.  
*Demundum ciliare*



Thurs MONDAY, AUGUST 31, 1876

Relay House - Mid. (on way back.) *Lepidog. repens* - *Euphorbia Corollata*  
*Liabris* *Stylosanthes* *Elat.* *Elephantopus* *Card.*  
Washington (S.W.) *Pida spinosa* *Cupress. vic.* *Zanth. spin.*  
*Amaranth. spin.* *Sporaea vil.* *Chenopodium Botrys.* *Eclipta procumbens.*  
Alexandria - Fat Kungu - *Chondrilla juncea* - *Mulz. Flor. Convolv.*

TUESDAY, SEPTEMBER 1

N. Durham <sup>W. W. S.</sup> <sup>list</sup> ~~Snake Hill.~~ <sup>Det.</sup> WEDNESDAY 2. 1876

THURSDAY, SEPTEMBER 3, 1874.

Mon FRIDAY 4/76

Cruz Island

SATURDAY 5



MONDAY, SEPTEMBER 6, 1875

10 M. Haverhill - to West Newbury by road boat 'Charlie'.  
at "Island" - Gentian Saponaria - Bidentis frond: do. cernuata; do. <sup>sterile</sup> <sup>chrys</sup> <sup>an</sup>  
<sup>Johnson's Creek</sup> " <sup>Desmodium</sup> <sup>can.</sup> <sup>Adiantum</sup> <sup>glac.</sup>  
Hunters Hill - Manihota uniflora - West N. - Symphytum officinale  
above " " Epilobium angustifolium] " " Spiranthes gracilis  
Har. opp. Greenland - Laportea canadensis.

TUESDAY 8

WEDNESDAY 9

W. Flushing - Prince's Garden to College Point

THURSDAY, SEPTEMBER 10, 1874.

FRIDAY 11

SATURDAY ~~12~~ 11. 1875

10. Haverhill to Upper Falls by boat. Charlie & children.  
Fine pine grove ~~se~~ on Bradford side just at ~~se~~ above Dr. Cogr. at fence.  
Ferns ~~se~~ & wet growths. On Hav. side opposite the upper rapids on wet  
slope, very vigorous ferns -  $\frac{1}{2}$  doz species, Chelone glabra, saxifraga  
se.



MONDAY, SEPTEMBER 14, 1874.

TUESDAY 15

*Fremont to Main Dock. - 6<sup>th</sup> Av. & Harlem Riv.*  
Lat WEDNESDAY 16, 1876

THURSDAY, SEPTEMBER 17, 1874.

FRIDAY 18

SATURDAY 19



MONDAY, SEPTEMBER 21, 1874.

TUESDAY 22

WEDNESDAY 23

7<sup>Friday</sup>  
THURSDAY, SEPTEMBER 24, 1874

Am. In Manchuta N. pine barrens with Ryer. arrive at 1:00 P.M. E. 7. P.M.  
Among many new, find *Liätis spicata* + *Chrysis mariana* + *Polygala lectea*  
*Aster nemoralis*, *concolor paterus longifolius*, *Eupatorium resinoseum*  
all very abundant - Also *Lechea thym.* *Smilax laevifolia*, *Pro-*  
*spicata*, *Monarda punct.* *Polygonum artic.* *Eup. alb.* *Hudsonia*  
*Eric.* *Arctostaphylos uva-ursi* &c (see list) (Came from 25<sup>th</sup>)

FRIDAY 25

SATURDAY 26



MONDAY, SEPTEMBER 28, 1874.

TUESDAY 29

Monday WEDNESDAY 30, 1875

P.M. Wain's Meadows, Jacksonav. - E. North & by road to Astoria & Fleming road. Rypp  
Schleria Helianthus tuberosa - Polyg. Virg. - Gentian Andreeana  
Ludwigia palustr. Liriodendron bergonii - Calluna americana Canad. Aster <sup>terrestris</sup> ~~virginicus~~ foliosus  
Spartanum polyg. Elgum Virg. Platanus bals. Veronica offic.

THURSDAY, OCTOBER 1, 1874.

FRIDAY 2

SATURDAY 3



MONDAY, OCTOBER ~~6~~<sup>3</sup>, 1876

To Georgetown Mass. Arolins - rode to land Mr. Horner -

TUESDAY ~~6~~<sup>4</sup>/76

To Hudson N.H. - Wrentham se. by New R.R.

WEDNESDAY 7

Sat-~~FRIDAY~~ 9, 1875

Tenafly - *Gentiana crinita* & *Andreevii* abundant together in wet field near stable n. Depot.

Alpine Woods - *Chenopodium crub.* & *marcel.* *Phryma* *Lept.*

*Eupatorium* *agratoides* - *Gordyera*



MONDAY, OCTOBER 12, 1874.

TUESDAY 13

WEDNESDAY 14

<sup>Friday</sup>  
~~THURSDAY~~, OCTOBER 15, 187<sup>5</sup>.

Albany. Cross Ferry to "Bath" on R.R. - Aster Multiflorus. Millelsten alba. offic. abundant  
Frosty regions abundant 7-9 A.M.

FRIDAY 16

SATURDAY 17



MONDAY, OCTOBER 19, 1874.

~~wednesday~~ TUESDAY 20, 1875

From Albany, stop at Hudson, go on R.R. backwards. *Epiphaeus*  
*Aster laevis* in two varieties.

; *Solidago latifolia*

WEDNESDAY 21

THURSDAY, OCTOBER 22, 1874.

FRIDAY 23

7\*

SATURDAY 24



MONDAY, OCTOBER 26, 1874.

TUESDAY 27

WEDNESDAY 28

THURSDAY, OCTOBER 29, 1874.

FRIDAY 30

SATURDAY 31



MONDAY, NOVEMBER 2, 1874.

TUESDAY 3

WEDNESDAY 4

THURSDAY, NOVEMBER 5, 1874.

Mundy, FRIDAY 6, 1876

Wardian Case - planted - *Dracaena terminalis*, *Pteris argyrea* & *heretica*; *Selaginella wildenowii*, *rosea* & *portica*; *Fittouia argyreneus* & *Pearcii*  
*Sanchezia nobilis* *Adiantum*  
Added from woods *Aspid. acrostichum*, & *trichomanes*, *Mitchella rep.* & mosses.

SATURDAY 7



MONDAY, NOVEMBER 9, 1874.

TUESDAY 10

WEDNESDAY 11

THURSDAY, NOVEMBER 12, 1874.

FRIDAY 13

SATURDAY 14



MONDAY, NOVEMBER 16, 1874.

TUESDAY 17

WEDNESDAY 18

THURSDAY, NOVEMBER 19, 1874.

FRIDAY 20

SATURDAY 21



MONDAY, NOVEMBER 23, 1874.

TUESDAY 24

WEDNESDAY 25

THURSDAY, NOVEMBER 26, 1874.

FRIDAY 27

SATURDAY 28



MONDAY, NOVEMBER 30, 1874.

TUESDAY, DECEMBER 1

~~WED~~ WEDNESDAY 2

THURSDAY, DECEMBER 3, 1874.

FRIDAY 4

8

SATURDAY 26/7.6

Wardian Case - After 1 mo. I add 2 gts water. Fittonia & Pteris all grow well - Adiantum pines, leaves brownish &c Dracena has 3 new leaves



MONDAY, DECEMBER 7, 1874.

TUESDAY 8

WEDNESDAY 9

THURSDAY, DECEMBER 10, 1874.

FRIDAY 11

SATURDAY 12



MONDAY, DECEMBER 14, 1874.

TUESDAY 15

WEDNESDAY 16

THURSDAY, DECEMBER 17, 1874.

FRIDAY 18

8\*

SATURDAY 19



MONDAY, DECEMBER 21, 1874.

TUESDAY 22

~~Sat.~~ WEDNESDAY 23/76

Forcing. Put 6 pipes of *Convallaria* in pot of earth with sand below & turn  
above, in water & covered by pot - all on range shelf. - for 90°  
In 10 days were well started - but did not attain flourish

THURSDAY, DECEMBER 24, 1874.

FRIDAY 25

SATURDAY 26



MONDAY, DECEMBER 28, 1874.

TUESDAY 29

WEDNESDAY 30

THURSDAY, DECEMBER 31, 1874.



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